

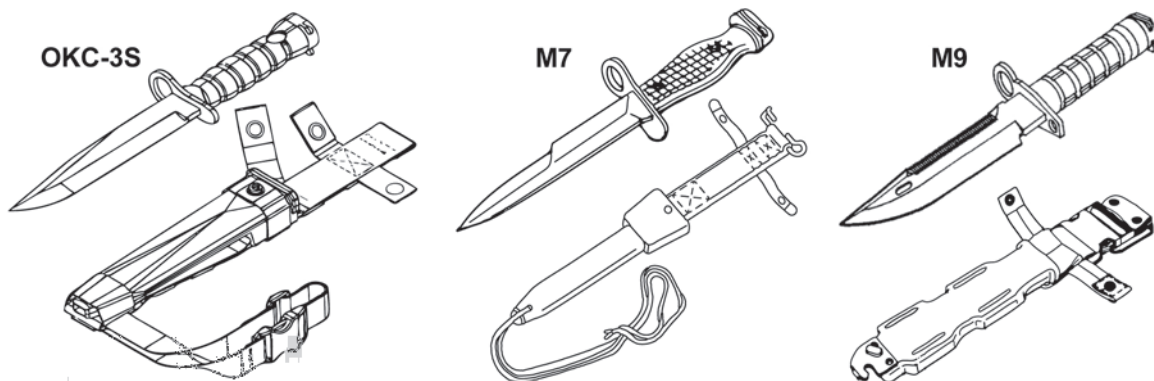
ARMY *TM 9-1005-237-23&P MARINE CORPS TM 05576A-23&P

**TECHNICAL MANUAL
FIELD MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS (RPSTL)
FOR**

**MULTIPURPOSE BAYONET SYSTEM
OKC-3S (USMC ONLY)
NSN 1095-01-521-6087**

**BAYONET-KNIFE, M7
WITH BAYONET SCABBARD, M10
NSN 1095-00-017-9701**

**MULTIPURPOSE BAYONET SYSTEM
M9
NSN 1095-01-227-1739**



***SUPERSEDURE NOTICE** - This TM supersedes ARMY TM 9-1005-237-23&P, dated 11 January 1993 and MARINE CORPS TM 05576A-23&P.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY AND
HEADQUARTERS, U.S. MARINE CORPS
31 MAY 2012**

PCN 184 089930 00

WARNING SUMMARY

This warning summary contains general safety warnings and hazardous materials warnings that must be understood and applied during operation and maintenance of this equipment. Failure to observe these precautions could result in serious injury or death to personnel. Also included are explanations of safety and hazardous materials icons used within this technical manual.

FIRST AID

First aid may be defined as "urgent and immediate lifesaving and other measures, which may be performed for casualties by nonmedical personnel when medical personnel are not immediately available."

Refer to FM 4-25.11 for First Aid Information.

Marine Corps personnel, refer to MCRP 3-02G.

EXPLANATION OF SAFETY WARNING ICONS



SHARP OBJECT - Pointed object in foot shows that a sharp object presents a danger to limb.



SHARP OBJECT - Pointed object in hand shows that a sharp object presents a danger to limb.



ELECTRICAL - Electrical wire to hand with electricity symbol running through hand shows that shock hazard is present.



ELECTRICAL - Electrical wire to arm with electricity symbol running through human body shows that shock hazard is present.



FLYING PARTICLES - Arrows bouncing off face with face shield shows particles flying through the air will harm face.

GENERAL SAFETY WARNING DESCRIPTION

WARNING



The bayonet blade is a sharp dangerous weapon. Handle with care. Keep the tip of the blade pointed away from fellow soldiers and your body at all times. Keep bayonet inside scabbard when not in use.

WARNING SUMMARY - Continued

GENERAL SAFETY WARNING DESCRIPTION - Continued

WARNING



When utilizing the M9 Multipurpose Bayonet System scabbard as a wire cutter, be sure to keep hands/fingers away from the wire cutter plate. Wear leather gloves.

WARNING



To avoid injury while tightening tang, clamp blade in a padded jaw vice.

WARNING



The scabbard should be securely tied down to the leg when parachute jumping.

WARNING



To avoid injury to your eyes, wear eye protection when removing and installing spring-loaded parts.

WARNING



The M9 Multipurpose Bayonet System is not insulated against electric shock. Do not use it to cut live wires.

WARNING SUMMARY - Continued

EXPLANATION OF HAZARDOUS MATERIALS ICONS



CHEMICAL - Drop of liquid on hand shows that the material will cause burns or irritation to human skin or tissue.



EYE PROTECTION - Person with goggles shows that the material will injure the eyes.



FIRE - Flames show that a material may ignite and cause burns.



VAPOR - Human figure in a cloud shows that material vapors present a danger to life or health.

WARNING SUMMARY - Continued

HAZARDOUS MATERIALS WARNING DESCRIPTION

WARNING



CLEANING COMPOUND MIL-PRF-680

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Seek medical attention in event of injury.
- Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Seek medical attention in event of injury.
- MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Seek medical attention in event of injury.
- Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Seek medical attention in event of injury.
- Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Seek medical attention in event of injury.

WARNING



SOLID FILM LUBRICANT

When using solid film lubricant, be sure area is well ventilated.

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: This manual supersedes TM 9-1005-237-23&P, dated 11 January 1993. Zero in the "Change No." column indicates an original page or work package.

Date of issue for the original manual is:

Original 31 May 2012

TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 28 AND TOTAL NUMBER OF WORK PACKAGES IN THIS MANUAL IS 28 CONSISTING OF THE FOLLOWING:

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Blank	0	WP 0016 (2 pages)	0
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WP 0008 (8 pages)	0	WP 0026 (2 pages)	0
WP 0009 (4 pages)	0	WP 0027 (2 pages)	0
WP 0010 (6 pages)	0	WP 0028 (2 pages)	0
WP 0011 (6 pages)	0	Index-1 – Index-4 (4 pages)	0
WP 0012 (4 pages)	0	Inside back cover	0
WP 0013 (6 pages)	0	Back cover	0

HEADQUARTERS, DEPARTMENT OF THE ARMY AND
HEADQUARTERS, U.S. MARINE CORPS
Washington, DC, 31 MAY 2012

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NSN 1095-01-521-6087
BAYONET-KNIFE, M7, WITH BAYONET-KNIFE
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M9 MULTIPURPOSE BAYONET SYSTEM
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any errors, or if you would like to recommend any improvements to the procedures in this publication, please let us know. The preferred method is to submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms) through the Internet, on the TACOM Unique Logistics Support Applications (TULSA) website. Internet address <https://tulsa.tacom.army.mil>. Access to all applications requires CAC authentication, and you must complete the Access Request form the first time you use it. The DA Form 2028 is located under the TULSA Applications on the left-hand navigation bar. Fill out the form and click on SUBMIT. Using this form on the TULSA website will enable us to respond more quickly to your comments and better manage the DA Form 2028 program. You may also mail, e-mail, or fax your comments or DA Form 2028 directly to the U.S. Army TACOM Life Cycle Management Command. The postal mail address is U.S. Army TACOM Life Cycle Management Command, ATTN: AMSTA-LCL-MPP / TECH PUBS, 6501 E. 11 Mile Road, Warren, MI 48397-5000. The e-mail address is tacomlcmc.daform2028@us.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726. A reply will be furnished to you.

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***SUPERSEDEURE NOTICE** - This TM supersedes ARMY TM 9-1005-237-23&P, 11 January 1993 and MARINE CORPS TM 05576A-23&P.

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HOW TO USE THIS MANUAL

SCOPE

This manual provides you with the information you will need to operate and maintain the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

MANUAL CONTENT

The front matter in this manual consists of Warning Summary, Title Block Page, List of Effective Work Packages, and Table of Contents.

The information contained in this manual is presented in 5 chapters. Each chapter is divided into Work Packages (WP) that provide operating procedures, maintenance procedures, troubleshooting procedures, and other information for specific systems or components. Each WP starts on a right-hand page. Page numbers consist of the WP number followed by a dash and another number. For example, "0008-9" means WP 0008, page 9.

The end of this manual contains an Alphabetical Index, DA Form 2028, and Metric Conversion Chart.

FRONT MATTER

The "Warning Summary" starts on the first right-hand page immediately after the cover and should be read before performing any maintenance on the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, or M9 Multipurpose Bayonet System.

The Title Block Page includes the Reporting of Errors and Recommending Improvements statement.

The Table of Contents lists the chapters, figures, tables, and WPs in this manual.

CHAPTERS

Chapter 1 includes General Information, Equipment Description and Data, and Theory of Operation.

Chapter 2 includes Preventive Maintenance Checks and Services (PMCS) Introduction Procedures and PMCS Including Lubrication Instructions.

Chapter 3 includes Service Upon Receipt and Maintenance.

Chapter 4 includes Parts Information, Repair Parts and Special Tools List (RPSTL) Introduction and RPSTL.

Chapter 5 includes Supporting Information, including the titles of documents and publications referenced in this manual (References), Maintenance Allocation Chart (MAC) Introduction, MAC, Expendable and Durable Items List (EDIL).

ALPHABETICAL INDEX

An index is located after the last WP in this manual and provides an alphabetical listing of WPs contained in this manual.

DA FORM 2028

DA Form 2028 is used to report errors and to recommend improvements for the tasks in this manual.

HOW TO USE THIS MANUAL - Continued

METRIC CONVERSION CHART

The metric conversion chart converts U.S. measurements to Metric equivalents. Measurements in this manual are provided in both U.S. and Metric units.

WARNINGS, CAUTIONS, AND NOTES

You must read and understand this manual ***BEFORE*** operating the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

Throughout this manual you will see WARNING, CAUTION, and NOTE headings. There are good reasons for every one of the following headings:

WARNING: A warning is used to alert the user to hazardous operating and maintenance procedures, practices, or conditions that could result in death or injury. Warnings must be strictly observed.

CAUTION: A caution is used to alert the user to hazardous operating and maintenance procedures, practices, or conditions that could result in damage to, or destruction of, equipment or mission effectiveness. Cautions must be strictly observed.

NOTE: A note highlights an essential operating or maintenance procedure, condition, or statement.

Warnings and cautions appear immediately preceding the step to which they pertain. It is important to read and thoroughly understand the warnings and/or cautions before beginning maintenance. Notes may precede or follow the steps to which they pertain, depending on what makes the most sense.

INITIAL SETUP

Before starting a task, you must obtain all the tools, supplies, and personnel listed in the Initial Setup. Ensure that you read the task before performing the maintenance. If any other tasks are referenced, you must go to the Initial Setup page for each of those tasks to find out which tools, supplies, and personnel will be needed.

REPAIR PARTS AND SPECIAL TOOL LIST (RPSTL)

The RPSTL Introduction (WP 0014) explains how to use the RPSTL. Repair parts are listed and illustrated in the RPSTL. There are no special tools, Test, Measurement And Diagnostic Equipment (TMDE) or support equipment.

CHAPTER 1

**GENERAL INFORMATION, EQUIPMENT DESCRIPTION, AND
THEORY OF OPERATION**

FIELD MAINTENANCE GENERAL INFORMATION

SCOPE

This Technical Manual contains the Field level maintenance, inspection, cleaning, lubrication, repair, storage, and transporting instructions including Repair Parts and Special Tools List (RPSTL) for the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

Type of Manual

Field Maintenance Manual with RPSTL.

Model Number and Equipment Name

OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

Purpose of Equipment

The OKC-3S Multipurpose Bayonet System (USMC only) is used as a bayonet for the M16 Rifle series and the M4 carbine and hand weapon. The M7 Bayonet-Knife is used as a bayonet for the M16 rifle series and the M4 carbine and as a hand weapon. The M9 Multipurpose Bayonet System is used as a bayonet for the M16 Rifle series and the M4 carbine, hand weapon, as a general field and utility knife as well as a wire cutter and saw.

MAINTENANCE FORMS, RECORDS, AND REPORTS

- Department of the Army forms and procedures used for equipment maintenance will be those prescribed by PAM 750-8 (as applicable), The Army Maintenance Management System (TAMMS) Users Manual; DA PAM 738-751, Functional Users Manual for the Army Maintenance Management Systems- Aviation (TAMMS-A); or AR 700-138, Army Logistics Readiness and Sustainability.
- Maintenance forms and records used by Marine Corps personnel are prescribed by TM 4700-15/1.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)

If your OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, or M9 Multipurpose Bayonet System needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you do not like about your equipment. Let us know why you do not like the design or performance. If you have Internet access, the easiest and fastest way to report problems or suggestions is to follow the instructions and links below.

ALL non-Aviation/Missile Warranty EIRs and PQDRs must be submitted through the Web Product Quality Deficiency Reporting (PQDR) site. The Web PQDR site is:

<http://www.nslcptsmh.csd.disa.mil/webpqdr/webpqdr.htm>. New accounts can be established at the following address: <http://www.nslcptsmh.csd.disa.mil/accessforms/uarform.htm>.

You may also submit your information using an SF 368 (Product Quality Deficiency Report). You can send your SF 368 using e-mail, regular mail, or fax using the addresses/fax numbers specified in DA PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual. We will send you a reply.

For Marine Corps users: Product Quality Deficiency Reports (PQDR) shall be submitted on SF 368 in accordance with MCO 4855.10. A reply will be furnished to you.

CORROSION PREVENTION AND CONTROL (CPC)

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items. Corrosion specifically occurs with metals. It is an electrochemical process that causes the degradation of metals. It is commonly caused by exposure to moisture, acids, bases, or salts. An example is the rusting of iron. Corrosion damage in metals can be seen, depending on the metal, as tarnishing, pitting, fogging, surface residue, and/or cracking. Plastics, composites, and rubbers can also degrade. Degradation is caused by thermal (heat), oxidation (oxygen), solvation (solvents), or photolytic (light, typically UV) processes. The most common exposures are excessive heat or light. Damage from these processes will appear as cracking, softening, swelling, and/or breaking. SF 368, PQDR, should be submitted to the address specified in PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-7 for procedures concerning destruction of this materiel.

PREPARATION FOR STORAGE OR SHIPMENT

Refer to SB 740-95-1 for storage or shipment instructions.

LIST OF ABBREVIATIONS/ACRONYMS

<u>Abbreviation/Acronym</u>	<u>Name</u>
ANSI	American National Standard Institute
BOI	Basis of Issue
CAGEC	Commercial and Government Entity Code
CLP	Cleaner, Lubricant, and Preservative
CPC	Corrosion Prevention and Control
DA	Department of the Army
LAW	Lubricant, Arctic Weather
LSA	Lubricant, Semifluid
MAC	Maintenance Allocation Chart
NIIN	National Item Identification Number
NSN	National Stock Number
PAM	Pamphlet
PDREP	Product Data Reporting and Evaluation Program
PMCS	Preventive Maintenance Checks and Services
PQDR	Product Quality Deficiency Report
ROD	Report of Discrepancy
SB	Supply Bulletin
SMR	Source Maintenance and Recoverability
SRA	Specialized Repair Activity
TAMMS	The Army Maintenance Management System
TM	Technical Manual
TMDE	Test, Measurement, and Diagnostic Equipment
UUT	Unit Under Test

QUALITY OF MATERIAL

Material used for replacement, repair, or modification must meet the requirements of this manual. If quality of material requirements are not stated in this manual, the material must meet the requirements of drawings, standards, specifications, or approved engineering change proposals applicable to the subject equipment.

END OF WORK PACKAGE

FIELD MAINTENANCE EQUIPMENT DESCRIPTION AND DATA

DIFFERENCES BETWEEN MODELS



Figure 1. M7 Bayonet-Knife and M10 Scabbard.

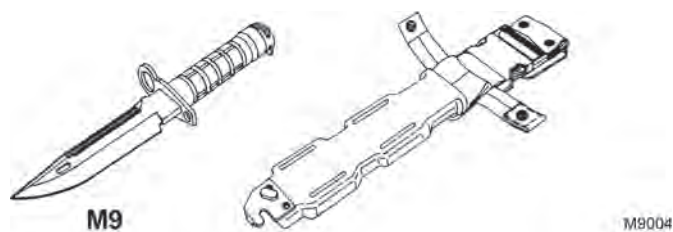


Figure 2. M9 Multipurpose Bayonet System.

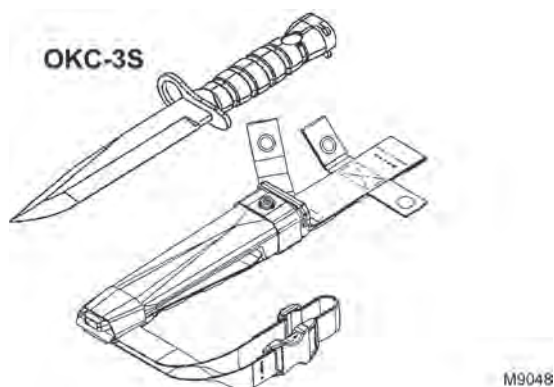


Figure 3. OKC-3S Multipurpose Bayonet System (USMC only)

1. The OKC-3S Multipurpose Bayonet System (USMC only) is used on the M16 rifle series and M4 Carbine. The M7 Bayonet-Knife is used on the 5.56 mm M16 rifle series and the M4 Carbine. The M9 Multipurpose Bayonet System is used on the M16 rifle series and the M4 Carbine.

DIFFERENCES BETWEEN MODELS - Continued

2. The M9 Multipurpose Bayonet System Scabbard consists of four major parts: the scabbard body, wire cutter plate, attaching assembly load-bearing end, and attaching assembly scabbard end. The M10 Bayonet-Knife Scabbard is a single piece. The OKC-3S Bayonet-Knife consists of the bayonet knife, scabbard assembly, and strap. The OKC-3S Bayonet-Knife Scabbard has a fitted internal stainless steel spring friction device at the throat of the scabbard to secure the bayonet.
3. On the M7 and M9 Bayonet-Knives there are left- and right-hand lock-release levers at the rear of the bayonet. Interchangeability of parts is limited to the lock-release levers and springs for the M7 and M9.
4. The M9 is longer and wider (blade is more than 7 in. (17.78 cm) long and 1.4 in. (3.56 cm) wide) and heavier than the M7. The OKC-3S blade is 8.00 in. (20.32 cm) long and 1.375 in. (3.49 cm) wide.

END OF WORK PACKAGE

**FIELD MAINTENANCE
THEORY OF OPERATION**

PRINCIPLE OF OPERATION

The OKC-3S Multipurpose Bayonet System (USMC only) is used as a bayonet on the M16 Rifle series, the M4 Carbine, and as a hand weapon. The M7 Bayonet-Knife is used as a bayonet on the M16 Rifle series, the M4 Carbine and as a hand weapon. The M9 Multipurpose Bayonet System is used as a bayonet for the M16 Rifle series, on the M4 Carbine, as a hand weapon, as a general field and utility knife as well as a wire cutter together with its scabbard, and as a saw.

END OF WORK PACKAGE

CHAPTER 2

PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

FIELD MAINTENANCE PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) INTRODUCTION

GENERAL

To ensure maximum operational readiness, it is necessary that the M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, M9 Multipurpose Bayonet System, and OKC-3S Bayonet-Knife (USMC only) be systematically inspected at regular intervals so defects may be discovered and corrected before they result in serious damage or failure.

PREVENTIVE MAINTENANCE CHECKS AND SERVICES

Work Package (WP) 0005 lists those Preventive Maintenance Checks and Services (PMCS) to be performed at their designated intervals.

During periods of inactivity, perform PMCS quarterly unless inspection reveals more frequent servicing is necessary. An inactive bayonet is one which has been stored in an arms room for a period of 90 days without use. The bayonet may or may not have been assigned to an individual. Normal cleaning (PMCS) of an inactive bayonet will be performed every 90 days. Should the unit armorer detect corrosion on a bayonet/scabbard prior to the end of the 90-day period, the PMCS shall be performed immediately.

1. ITEM NO. The first column contains the item number which shall be used as a source of item number for the Technical Manual (TM) Item No. column on DA Form 2404, Equipment Inspection and Maintenance Worksheet, in recording results of PMCS. Checks and services are numbered in disassembly sequence.
2. INTERVAL. The INTERVAL column states when to perform the inspection or service.
3. ITEM TO BE CHECKED OR SERVICED. This column lists the item to be inspected.
4. PROCEDURES. This column contains all the information required to accomplish the checks and services.
5. EQUIPMENT NOT READY/AVAILABLE IF. This column contains a brief statement of the condition (e.g. malfunction, deficiency) that would cause the covered equipment to be unavailable to perform its assigned mission.

CORROSION PREVENTION AND CONTROL (CPC)

WP 0006 provides instructions regarding Corrosion Prevention and Control (CPC).

END OF WORK PACKAGE

FIELD MAINTENANCE PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

INITIAL SETUP:

Tools and Special Tools

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)
Small Arms Tool Kit (USMC only) (WP 0028, Table 1, Item 2)

References

WP 0006

Table 1. Preventive Maintenance Checks and Services.


ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
1	Quarterly	M7 Bayonet-Knife	<p style="text-align: center;">WARNING</p>  <p>The bayonet blade is sharp. Handle with care. Failure to comply may result in personnel injury or death.</p> <p>a. Inspect for missing parts.</p> <p>b. Check function of lock-release levers (Figure 1, Item 7) by placing bayonet on rifle lug. Ensure bayonet is securely retained and mounts/dismounts without interference. Remove bayonet from rifle and disassemble as authorized.</p> <p>c. Inspect grip screws (Figure 1, Item 3) for stripped or damaged threads. Check grip screw head for burrs.</p> <p>d. Inspect grips (Figure 1, Item 4) for cracks and stripped threads. Hairline cracks and cracks up to 0.25 in. (0.63 cm) in length are acceptable. Chips up to 0.125 in. (0.32 cm) in diameter are acceptable.</p> <p>e. Inspect blade assembly (Figure 1, Item 1) for cracks, nicks, or blunted/broken points. Nicks and blunted/broken points may be stoned. If nicks and blunted/broken points cannot be corrected by stoning, replace bayonet.</p> <p>f. Inspect/check handguard (Figure 1, Item 2) area of blade assembly and plate area (Figure 1, Item 6) of blade assembly for looseness.</p> <p>g. Inspect for worn or shiny areas on blade assembly (Figure 1, Item 1).</p>	<p>If parts are missing.</p> <p>Bayonet is not securely retained.</p> <p>Grip screw threads are stripped or damaged.</p> <p>Stripped threads or cracks longer than 0.25 in. (0.63 cm).</p> <p>Blade is cracked.</p> <p>Blade is less than 6.125 in. (15.56 cm) long from handguard.</p>

Table 1. Preventive Maintenance Checks and Services - Continued.

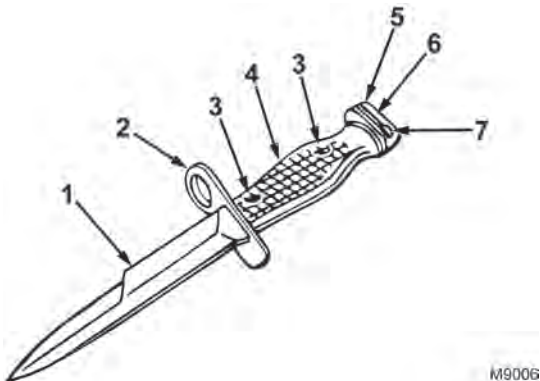
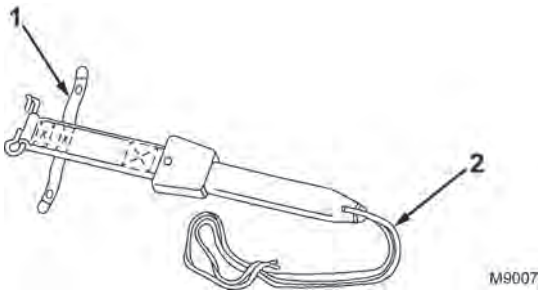
ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p>h. Inspect spring pins (Figure 1, Item 5) for burrs or wear.</p> <p>i. Inspect all parts for rust/corrosion.</p> <p>j. Refer to WP 0006 for lubrication instructions.</p>	Spring pin doesn't retain its associated part.
 <p>Figure 1. M7 Bayonet-Knife.</p>				
2	Quarterly	M10 Bayonet-Knife Scabbard	<p>a. Check for cracks, cut/torn fabric, missing restraining lace (Figure 2, Item 2) and function of snap (Figure 2, Item 1). Cracks 0.5 in. (1.27 cm) or less are not cause for repair.</p> <p>b. Inspect all parts for rust/corrosion.</p> <p>c. Refer to WP 0006 for lubrication instructions.</p>	<p>Crack is over 0.5 in. (1.27 cm) long or snap does not function.</p> <p>Cuts/tears in fabric over 0.25 in. (0.63 cm) deep, or missing lace.</p> <p>Part is not functional.</p>
 <p>Figure 2. M10 Bayonet-Knife Scabbard.</p>				

Table 1. Preventive Maintenance Checks and Services - Continued.


ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
3	Quarterly	M9 Multipurpose Bayonet System	<p>WARNING</p>  <p>The bayonet blade is sharp. Handle with care. Failure to comply may result in personnel injury or death.</p> <p>a. Check function of lock-release levers (Figure 3, Item 4) by placing bayonet on rifle lug. Ensure bayonet is securely retained and mounts and dismounts without interference. Remove bayonet from rifle.</p> <p>b. Inspect blade (Figure 3, Item 6) for cracks, nicks, or blunted point. If stoning doesn't restore blade, replace bayonet.</p> <p>c. Inspect/check handguard (Figure 3, Item 2) for cracks or looseness. If loose, tighten cap screw (Figure 3, Item 3).</p> <p>d. Inspect handle (Figure 3, Item 5) for cracks, breaks or looseness. If loose, tighten cap. Chips up to 0.25 in. (0.63 cm) in diameter are acceptable.</p> <p>e. Inspect for broken or dulled saw teeth (Figure 3, Item 1).</p> <p>f. Inspect for broken, cracked, or chipped "false edge" (Figure 3, Item 7) on blade.</p> <p>g. Inspect for loose, cracked, or broken cap screw (Figure 3, Item 3).</p> <p>h. Refer to WP 0006 for lubrication instructions.</p>	<p>Bayonet is not securely retained or interference is observed during installing or removal.</p> <p>Blade is cracked. Blade is less than 6-3/4 in. (17.15 cm) long from handguard.</p> <p>Handguard is cracked or handguard cannot be tightened.</p> <p>Handle is cracked more than 0.5 in. (1.27 cm) or chips larger than 0.25 in. (0.63 cm) in diameter.</p> <p>If 1/4 of saw teeth are broken, badly worn or nonfunctional.</p> <p>"False edge" is broken or cracked.</p> <p>Cap screw cannot be tightened or cap screw is cracked or broken.</p>

Table 1. Preventive Maintenance Checks and Services - Continued.

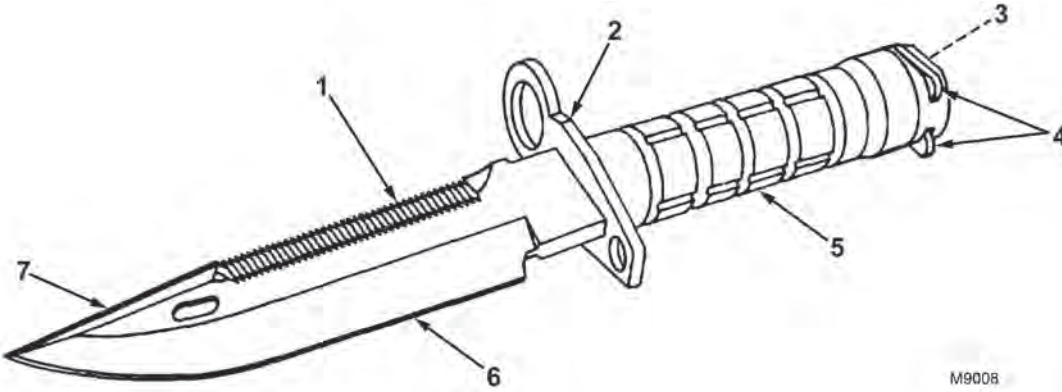
ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
 <p style="text-align: center;">Figure 3. M9 Multipurpose Bayonet System.</p>				
4	Quarterly	M9 Scabbard	<p>a. Inspect for cut web gear (Figure 4, Item 3) or restraining strap (Figure 4, Item 2). Cuts 0.25 in. (0.63 cm) in length or less are not cause for repair.</p> <p>b. Inspect for cracked or broken buckle (Figure 4, Item 5).</p> <p>c. Inspect for cracked or broken scabbard body (Figure 4, Item 1). Cracks less than 0.5 in. (1.27 cm) are not cause for repair. Missing pieces less than 0.25 in. (0.63 cm) in diameter are not cause for repair.</p> <p>d. Inspect for bent or broken belt fastener (Figure 4, Item 4).</p> <p>e. Inspect for cracked or broken screw driver tip (Figure 4, Item 7) or wire cutter plate/stud (Figure 4, Item 8).</p> <p>f. Inspect dot snap (Figure 4, Item 6) to ensure it functions.</p> <p>g. Refer to WP 0006 for lubrication instructions.</p>	<p>Buckle is cracked or broken.</p> <p>Scabbard body has cracks over 0.5 in. (1.27 cm) long or has missing pieces over 0.25 in. (0.63 cm) in diameter.</p> <p>Belt fastener will not securely fasten the scabbard to the belt.</p> <p>Cutter plate/stud will not cut wire.</p> <p>Dot snap doesn't function.</p>

Table 1. Preventive Maintenance Checks and Services - Continued.

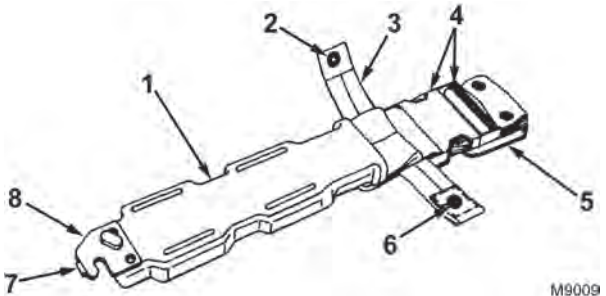

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
 <p style="text-align: center;">Figure 4. M9 Scabbard.</p>				
5	Quarterly	OKC-3S Bayonet-Knife (USMC only)	<p style="text-align: center;">WARNING</p>  <p>The bayonet blade is sharp. Handle with care. Failure to comply may result in personnel injury or death.</p> <p>a. Check function of lock-release levers (Figure 5, Item 6) of plate latch (Figure 5, Item 5) by placing bayonet on rifle bayonet lug. Ensure bayonet is securely retained, and mounts and dismounts without interference. Remove bayonet from rifle.</p> <p>b. Inspect blade (Figure 5, Item 2) for cracks, breaks, chipped edge, nicks, or blunted points. If stoning doesn't restore blade, replace bayonet. If blade is broken, replace bayonet.</p> <p>c. Inspect/check handguard (Figure 5, Item 3) for cracks or looseness.</p> <p>d. Inspect grip (Figure 5, Item 4) for cracks, breaks, or looseness.</p> <p>e. Inspect blade for broken or dulled serrations (Figure 5, Item 13).</p> <p>f. Inspect for broken, cracked, or chipped false edge (Figure 5, Item 1).</p> <p>g. Inspect webbing (Figure 5, Item 8) for tears, cuts, or fraying.</p>	<p>Bayonet is not securely retained or interference is observed during installing or removal.</p> <p>Blade is cracked. Blade is less than 8 in. (20.32 cm) long from handguard.</p> <p>Handguard is cracked or cannot be tightened.</p> <p>Grip is cracked or loose.</p> <p>If more than 40% of the serrations are broken, badly worn, or nonfunctional.</p> <p>False edge is broken or cracked.</p>

Table 1. Preventive Maintenance Checks and Services - Continued.

ITEM NO.	INTERVAL	ITEM TO BE CHECKED OR SERVICED	PROCEDURE	EQUIPMENT NOT READY/ AVAILABLE IF:
			<p>h. Inspect leg strap (Figure 5, Item 11) for cuts, tears, cut or frayed webbing, elastic or broken buckles (Figure 5, Item 10).</p> <p>i. Inspect snaps (Figure 5, Item 7) for proper functioning.</p> <p>j. Inspect scabbard body (Figure 5, Item 12) for cracks or breaks.</p> <p>k. Ensure the fitted internal stainless steel spring friction device (Figure 5, Item 9) operates properly.</p> <p>l. Refer to WP 0006 for lubrication instructions.</p>	<p>Buckles are broken.</p> <p>Snap are not functioning.</p> <p>Scabbard body has cracks over 0.5 in. (1.27 cm) or has pieces missing.</p> <p>Scabbard does not secure bayonet when turned upside down.</p>

Figure 5. OKC-3S Bayonet-Knife.

PMCS Mandatory Replacement Parts List

There are no replacement parts required for these PMCS procedures.

END OF TASK

END OF WORK PACKAGE

CHAPTER 3

FIELD MAINTENANCE INSTRUCTIONS

**FIELD MAINTENANCE
SERVICE UPON RECEIPT**

INITIAL SETUP:**Tools and Special Tools**

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)
Small Arms Tool Kit (USMC only) (WP 0028, Table 1, Item 2)

Materials/Parts (cont.)

Lubricating Oil (WP 0027, Table 1, Item 10)
Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

Materials/Parts

Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP) (WP 0027, Table 1, Item 3)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)
Lubricating Oil (WP 0027, Table 1, Item 9)

References

PAM 750-8
SF 364
WP 0005
WP 0007
WP 0010
WP 0012

General

This section contains instructions for services to be performed by the using organization upon the receipt of a new OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife with scabbard, or M9 Multipurpose Bayonet System.

General - Continued

NOTE

- Where the word "lubricant" is cited in this Technical Manual (TM), interpret to mean Cleaner, Lubricant and Preservative (CLP), lubricating oil, Weapons semifluid (LSA), or Lubricating oil Weapons (LAW) can be utilized as applicable. The following constraints must be adhered to:
- Under all but the coldest arctic conditions, LSA or CLP are the lubricants to use on the bayonet/scabbard. Either can be used at -10°F (-23°C) and higher. However, do not use both on the same bayonet/scabbard at the same time.
- LAW is the lubricant to use during cold arctic conditions, +10°F (12°C) and lower.
- Any of the lubricants can be used from -10°F (-23°C) to +10°F (12°C).
- Do not mix lubricants on the same bayonet/scabbard. The bayonet/scabbard must be thoroughly cleaned during change from one lubricant to another. Cleaning solvent is recommended for cleaning the bayonet during change from one lubricant to another. Do not use cleaning solvent on the scabbard or the handle.

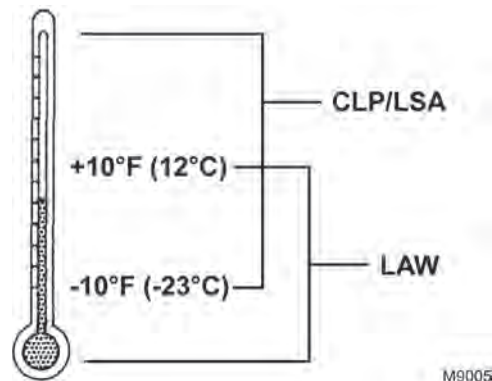


Figure 1. Temperature Ranges and Oil Types.

SERVICE UPON RECEIPT OF MATERIEL

WARNING

The bayonet blade is sharp. Handle with care. Failure to comply may result in personnel injury or death.

Table 1. Service Upon Receipt — USMC OKC-3S Multipurpose Bayonet System, M7 Bayonet-Knife with M10 Scabbard, and M9 Multipurpose Bayonet System.

LOCATION	ITEM	ACTION	REMARKS
USMC OKC-3S Multipurpose Bayonet System	USMC OKC-3S Multipurpose Bayonet System	<ol style="list-style-type: none"> 1. Check function of lock-release levers by placing bayonet on rifle lug. Ensure bayonet is securely retained and mounts and dismounts without interference. 2. Inspect blade for cracks, nicks, or blunted point. 3. Inspect/Check handguard for cracks or looseness. 4. Inspect grip for cracks, breaks, or looseness. 5. Inspect for broken, cracked, or chipped "false edge" on blade. 6. Apply light film of lubricant to metal components. 	Refer to WP 0005 for inspection criteria.
USMC OKC-3S Multipurpose Bayonet System Scabbard	USMC OKC-3S Multipurpose Bayonet System Scabbard	<ol style="list-style-type: none"> 1. Inspect for cracks, cut or worn fabric, or web gear. 2. Inspect for cracked or broken buckle of attaching assembly. 3. Inspect for cracked or broken scabbard body. 4. Inspect snaps to ensure they function. 5. Apply light film of lubricant to metal components. 	Refer to WP 0005 for inspection criteria.

Table 1. Service Upon Receipt — USMC OKC-3S Multipurpose Bayonet System, M7 Bayonet-Knife with M10 Scabbard, and M9 Multipurpose Bayonet System - Continued.

LOCATION	ITEM	ACTION	REMARKS
M7 Bayonet-Knife	M7 Bayonet-Knife	<ol style="list-style-type: none"> 1. Check for nicks and broken point. 2. Remove grips and inspect bayonet for rust. 3. Inspect grips for cracks. 4. Check function of lock-release levers. 5. Place bayonet on rifle bayonet lug. Ensure bayonet is securely retained and mounts/dismounts without interference. 6. Apply light film of lubricant to metal components. 	Refer to WP 0007 for all inspection criteria.
M10 Bayonet-Knife Scabbard	M10 Bayonet-Knife Scabbard	<ol style="list-style-type: none"> 1. Check for cracks and worn fabric. 2. Check function of snaps. 3. Ensure that scabbard restraining lace is present. 4. Apply light film of lubricant to metal components. 	
M9 Multipurpose Bayonet System – Bayonet	M9 Multipurpose Bayonet System – Bayonet	<ol style="list-style-type: none"> 1. Check function of lock-release levers by placing bayonet on rifle lug. Ensure bayonet is securely retained and mounts and dismounts without interference. 2. Inspect blade for cracks, nicks, or blunted point. 3. Inspect/check handguard for cracks or looseness. 4. Inspect handle for cracks, breaks, or looseness. 5. Inspect for broken or dulled saw teeth. 6. Inspect for broken, cracked, or chipped "false edge" on blade. 	Refer to WP 0010 for all inspection criteria.

Table 1. Service Upon Receipt — USMC OKC-3S Multipurpose Bayonet System, M7 Bayonet-Knife with M10 Scabbard, and M9 Multipurpose Bayonet System - Continued.

LOCATION	ITEM	ACTION	REMARKS
M9 Multipurpose Bayonet System – Scabbard	M9 Multipurpose Bayonet System – Scabbard	<ol style="list-style-type: none"> 7. Remove cap screw and latch assembly. Check for rust. 8. Inspect for loose, cracked, or broken cap screw. 9. Apply light film of lubricant to metal components. 1. Inspect for cracks, cut or worn fabric, or web gear. 2. Inspect for cracked or broken buckle of attaching assembly. 3. Inspect for cracked or broken scabbard body. 4. Inspect for bent or broken belt fastener. 5. Inspect for cracked or broken screwdriver tip or wire cutter plate/stud. 6. Inspect for broken or missing sharpening stone. 7. Inspect snaps to ensure they function. 8. Apply light film of lubricant to metal components. 	Refer to WP 0012 for all inspection criteria.

END OF TASK

Checking Unpacked Equipment

Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on SF 364, Report of Discrepancy (ROD).

If the OKC-3S bayonet (USMC only) is found to be defective upon receipt, submit a Product Quality Deficiency Report (PQDR) in accordance with Standard Maintenance Procedures. This is done using the Product Data Reporting and Evaluation Program (PDREP).

Check the equipment against the packing slip to see if the shipment is complete. Report all discrepancies in accordance with applicable service instructions (e.g., for Army instructions, see PAM 750-8).

Checking Unpacked Equipment - Continued

Check to see whether the equipment has been modified.

END OF TASK

END OF WORK PACKAGE

**FIELD MAINTENANCE
M7 BAYONET MAINTENANCE**

INITIAL SETUP:**Tools and Special Tools**

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

Materials/Parts

Lockwasher (WP 0016, Figure 2, Item 2) Qty: (2)
Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)
Solid Film Lubricant (WP 0027, Table 1, Item 8)

Materials/Parts (cont.)

Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)
Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

References

WP 0006
WP 0008
WP 0015
WP 0016
WP 0017

DISASSEMBLY**WARNING**

The bayonet blade is sharp. Handle with care. Failure to comply may result in personnel injury or death and/or damage to equipment.

1. Remove two grip screws (Figure 1, Item 4) and lockwashers (Figure 1, Item 3) from blade assembly (Figure 1, Item 1). Discard lockwashers.
2. Remove LH grip (Figure 1, Item 5) and RH grip (Figure 1, Item 2).

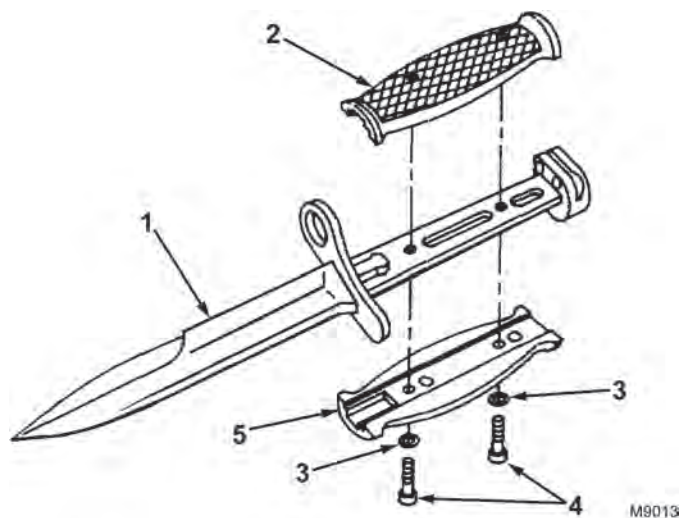


Figure 1. M7.

END OF TASK

INSPECTION/REPAIR

1. Inspect grip screws (Figure 2, Item 5) for stripped or damaged threads. Check grip screw head for burrs, remove if present. Replace if necessary.
2. Inspect LH grip (Figure 2, Item 3) and RH grip (Figure 2, Item 6) for cracks and stripped threads. Hairline cracks are acceptable. Cracks up to a 0.25 in. (0.64 cm) in length are acceptable. If cracks are beyond 0.25 in. (0.64 cm), replace. Chips up to 0.125 in. (0.32 cm) are acceptable; beyond 0.125 in. (0.32 cm), replace the grip.
3. Inspect blade assembly (Figure 2, Item 1) for cracks, nicks, or blunted points. Bayonets with cracked blades must be replaced. Blunted points and small nicks may be repaired by stoning, or hand filing. If the blade assembly has deep nicks that can't be removed by stoning or hand filing, replace bayonet.

NOTE

Length of the M7 blade measured from guard must not be less than 6.125 in. (15.56 cm) after repointing.

4. Inspect/check handguard area (Figure 2, Item 2) of blade assembly and plate area (Figure 2, Item 4) of blade assembly for looseness. If loose, tighten blade assembly (WP 0008).
5. Inspect for worn or shiny areas on blade assembly, reestablish finish as described in step 7.
6. If point is broken, repair blade assembly (WP 0008).

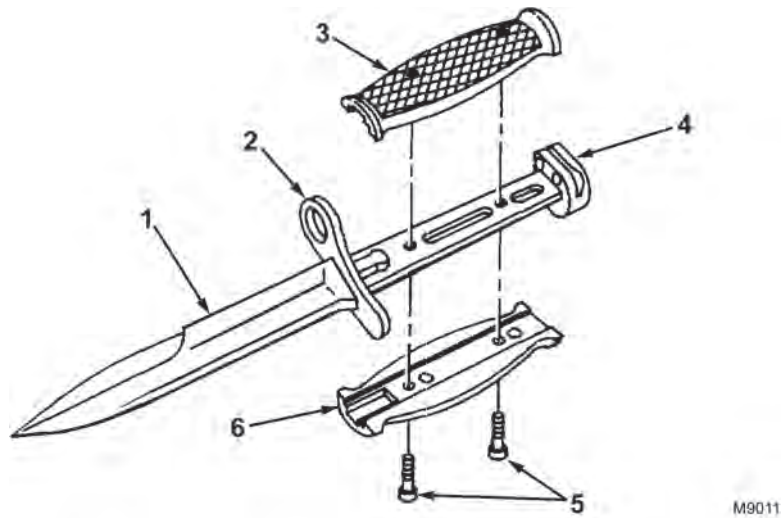


Figure 2. M7.

INSPECTION/REPAIR - Continued

WARNING



CLEANING COMPOUND MIL-PRF-680

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.

7. Reestablish finish as required.

- a. Remove all lubricant from surfaces to be treated with cleaning solvent. Wear rubber gloves and use tote box and brush to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

- b. Roughen surface using abrasive cloth.
- c. Be sure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant (WP 0006).

INSPECTION/REPAIR - Continued**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

NOTE

If solid film lubricant comes into contact with the functional surfaces of the lock-release lever, remove lubricant immediately by washing with cleaning solvent.

- d. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.
- 8. Repair is by replacement of authorized parts (WP 0015, WP 0016, and WP 0017) as required.

END OF TASK**CLEAN/LUBRICATE****NOTE**

For use of lubricant, refer to WP 0006.

Wipe bayonets with wiping rag and apply a light coat of lubricant.

END OF TASK

ASSEMBLY

1. Position LH grip (Figure 3, Item 2) and RH grip (Figure 3, Item 5) on blade assembly (Figure 3, Item 1).
2. Install two grip screws (Figure 3, Item 4) and new lockwashers (Figure 3, Item 3) as shown below.

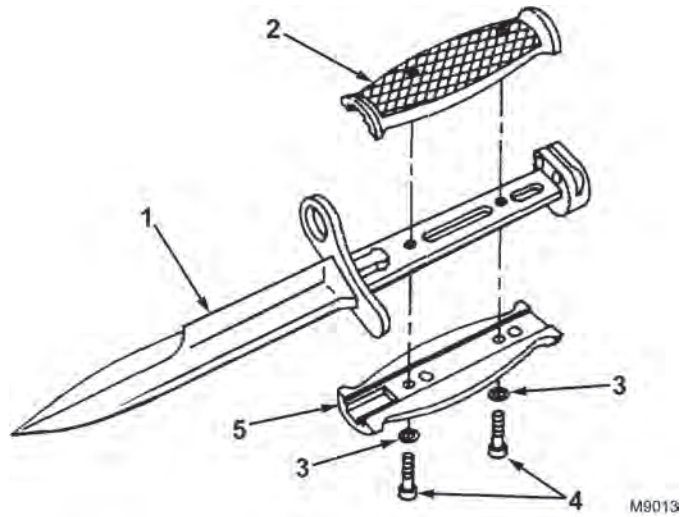


Figure 3. M7.

END OF TASK

END OF WORK PACKAGE

FIELD MAINTENANCE
M7 BLADE ASSEMBLY MAINTENANCE

INITIAL SETUP:**Tools and Special Tools**

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

Materials/Parts

Spring Pins (WP 0017, Figure 3, Item 3) Qty: (2)
Helical Spring (WP 0017, Figure 3, Item 4)
Qty: (1)
Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)

Materials/Parts (cont.)

Solid Film Lubricant (WP 0027, Table 1, Item 8)
Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)
Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

References

WP 0006
WP 0017

Equipment Condition

Hand grips removed (WP 0007)

WARNING

Keep the tip of the blade pointed away from body at all times. Failure to comply may result in personnel injury or death and/or damage to equipment.

WARNING

To avoid injury to your eyes, wear eye protection when removing and installing spring-loaded parts. Failure to comply may result in personnel injury.

NOTE

- The lock-release levers and compression helical spring are common to the M7 and M9 Bayonet-Knives.
- Disassemble only if required for repair or cleaning.

DISASSEMBLY

1. If a line is not present, scribe a line (Figure 1, Item 7) on RH lock-release lever (Figure 1, Item 6) and plate (Figure 1, Item 8) before disassembly to assist in identification when reassembling.
2. Remove spring pin (Figure 1, Item 3), LH lock-release lever (Figure 1, Item 2), and compression helical spring (Figure 1, Item 5) from bayonet (Figure 1, Item 1). Discard compression helical spring and spring pin.
3. Remove spring pin (Figure 1, Item 4) and RH lock-release lever (Figure 1, Item 6). Discard spring pin.

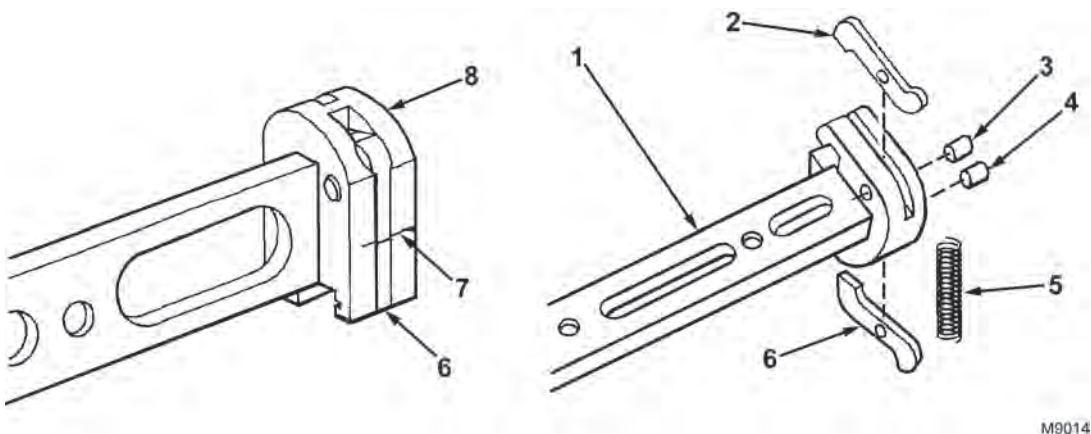


Figure 1. M7 Blade Assembly.

END OF TASK

INSPECTION/REPAIR

1. Inspect lock-release levers (Figure 2, Item 3) for wear and bends. If positive retention is questionable, replace the lock-release levers.
2. Inspect plate area (Figure 2, Item 4) of blade (Figure 2, Item 1) for looseness.

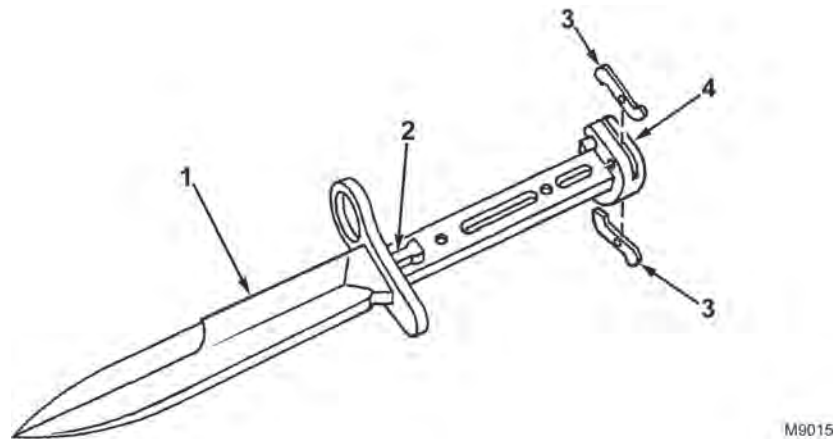


Figure 2. M7 Blade Assembly.

3. Tighten if necessary by placing blade in vise and stake or peen end of shank (Figure 3, Item 2) over plate. Make sure that sufficient clearance remains to permit retention of the bayonet to the rifle.

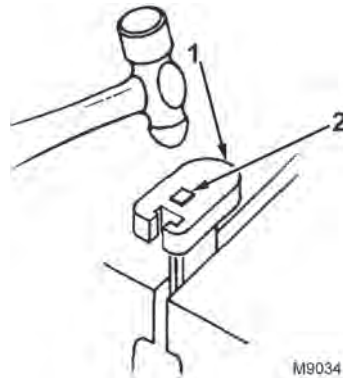


Figure 3. M7 Blade Assembly Plate and Shank.

INSPECTION/REPAIR - Continued

4. Inspect handguard (Figure 2, Item 2) and link area of blade for looseness.
5. Tighten by swaging link (Figure 4, Item 1) against the handguard (Figure 4, Item 2) until the handguard is firmly against the shoulders of the blade (Figure 4, Item 3). Bright spots as a result of this operation are permissible.

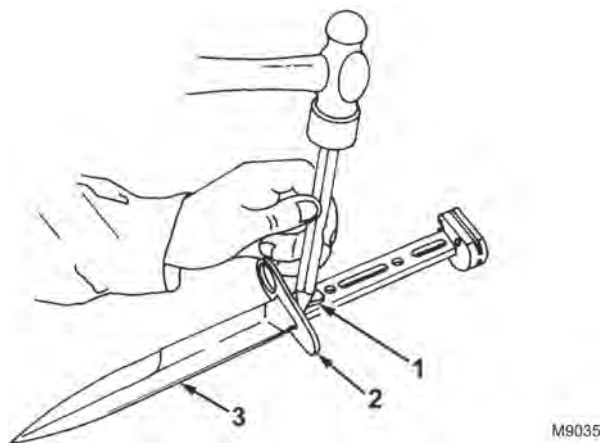


Figure 4. M7 Blade Assembly Guard and Link.

6. Check blade (Figure 4, Item 3) for nicks on the cutting edge. Small nicks can be removed by hand filing. If nicks cannot be removed, replace bayonet.
7. Repair broken point on blade (Figure 4, Item 3) by hand filing and/or stoning. After pointing, the length of the blade (Figure 4, Item 3) (measured from the front face of the guard to the tip of the blade) must be at least 6.125 in. (15.56 cm). If less than 6.125 in. (15.56 cm) replace bayonet.
8. Inspect for worn or shiny areas on blade assembly (Figure 5, Item 1).

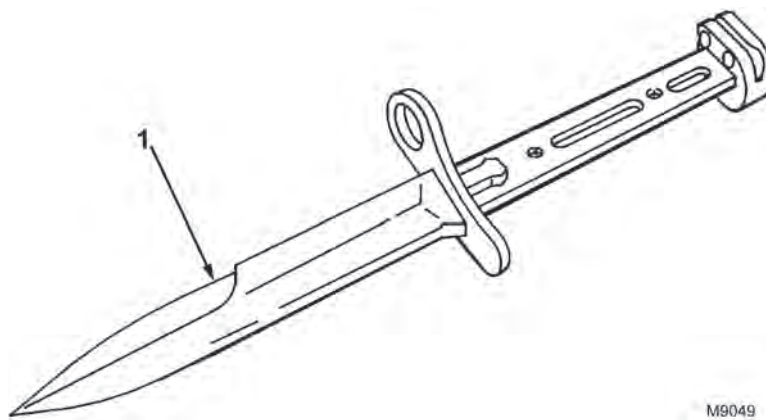


Figure 5. M7 Blade.

INSPECTION/REPAIR - Continued**WARNING****CLEANING COMPOUND MIL-PRF-680**

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
9. Reestablish finish as follows:
- a. Remove all lubricant from surfaces to be treated with cleaning solvent. Wear rubber gloves and use a tote box and brush to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

- b. Roughen surface using abrasive cloth.
- c. Be sure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant.

INSPECTION/REPAIR - Continued**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

NOTE

If solid film lubricant comes into contact with the functional surfaces of the lock-release lever, remove lubricant immediately by washing with cleaning solvent.

- d. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.
- 10. Repair is by replacement of authorized parts (WP 0017) as required.

END OF TASK**CLEAN/LUBRICATE****NOTE**

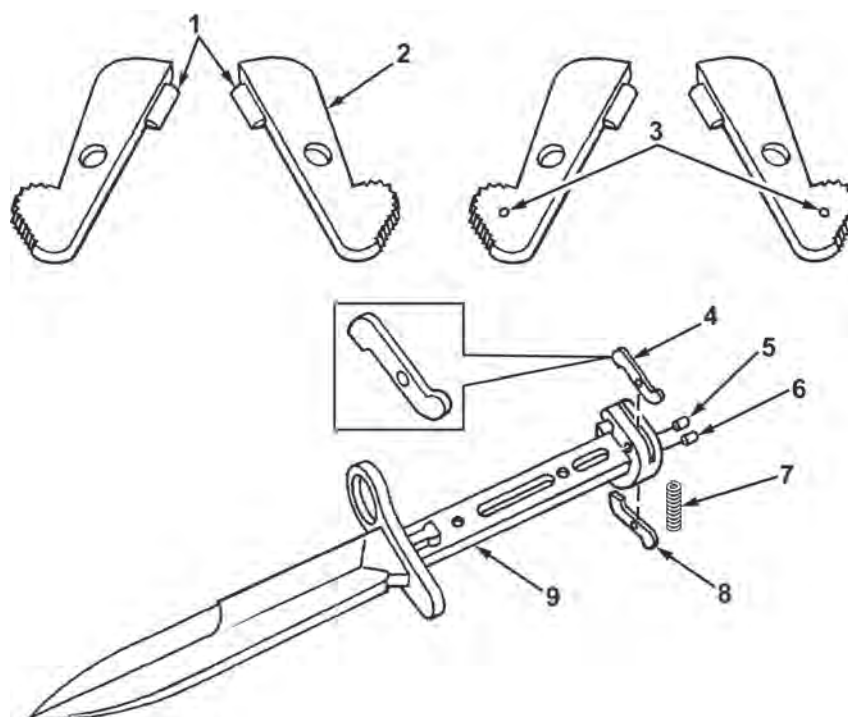
For use of lubricant, refer to WP 0006.

Wipe all parts with wiping rag and apply a light coat of lubricant.

END OF TASK**ASSEMBLY****NOTE**

Proper positioning of lock-release levers is required for bayonet to mount on rifle. Step 1 applies to lock-release levers that have been scribed. Step 2 applies to lock-release levers that have not been scribed. Newer lock-release levers will have an indentation on the finger grip (serrated end).

1. Position RH lock-release lever (Figure 6, Item 8) on Bayonet-Knife (Figure 6, Item 9) with flat ends (Figure 6, Item 1) that grasp rifle, facing forward and the scribe (Figure 6, Item 2) facing right and outward. Position the indentation on the finger grips (Figure 6, Item 3) of newer lock-release levers, facing rearward. Install new spring pin (Figure 6, Item 6).
2. Position RH lock-release lever (Figure 6, Item 8) on Bayonet-Knife (Figure 6, Item 9) with flat ends (Figure 6, Item 1) that grasp rifle, facing forward. Position the indentation on the finger grips (Figure 6, Item 3) of newer lock-release levers, facing rearward. Install new spring pin (Figure 6, Item 6).
3. Install new compression helical spring (Figure 6, Item 7), LH lock-release lever (Figure 6, Item 4) and new spring pin (Figure 6, Item 5)

ASSEMBLY - Continued

M8016

*Figure 6. M7 Blade Assembly.***END OF TASK****FOLLOW-ON TASK**

Install hand grips (WP 0007).

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE

M10 SCABBARD MAINTENANCE

INITIAL SETUP:

Materials/Parts

Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Olive Drab Enamel (WP 0027, Table 1, Item 6)
Rubber Gloves (WP 0027, Table 1, Item 7)
Solid Film Lubricant (WP 0027, Table 1, Item 8)
Lubricating Oil (WP 0027, Table 1, Item 9)

Materials/Parts (cont.)

Lubricating Oil (WP 0027, Table 1, Item 10)
Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

References

WP 0006
WP 0015
WP 0018

DISASSEMBLY

Untie and remove scabbard restraining lace (Figure 1, Item 3) from body (Figure 1, Item 2).

END OF TASK

INSPECT

1. Inspect scabbard restraining lace (Figure 1, Item 3) for damage such as cuts or tears.
2. Inspect body (Figure 1, Item 2) for chipped, deeply scratched, or heavily marred surfaces. Smooth, using abrasive cloth. Touch up if needed with olive drab enamel. Cracks 0.50 in. (1.27 cm) or less are not cause for repair. Cracks over 0.50 in. (1.27 cm), replace the scabbard.
3. Inspect snaps (Figure 1, Item 1) for proper functioning. Replace scabbard if defective.
4. Inspect metal parts (Figure 1, Item 4) for worn or shiny areas. Worn or shiny areas will be repaired as follows:

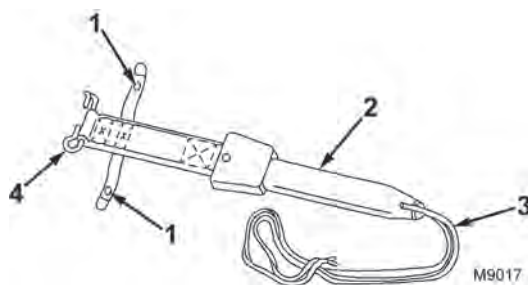


Figure 1. Bayonet-Knife Scabbard

END OF TASK

CLEANING**WARNING****CLEANING COMPOUND MIL-PRF-680**

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
1. Remove all lubricant from surfaces to be treated with cleaning solvent. Wear rubber gloves and use a tote box and brush to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

2. Roughen surface using abrasive cloth.
3. Be sure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant.

CLEANING - Continued**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

4. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.

END OF TASK**REPAIR**

1. Repair is by replacement of authorized parts (WP 0015 and WP 0018) as required.

NOTE

For use of lubricant, refer to WP 0006.

2. Wipe body with wiping rag and apply a light coat of lubricant.

END OF TASK**ASSEMBLY**

Secure scabbard restraining lace (Figure 2, Item 2) on body (Figure 2, Item 1).

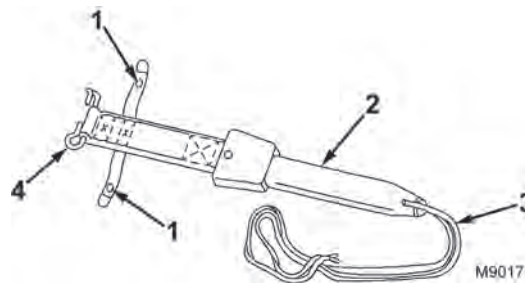


Figure 2. Bayonet-Knife Scabbard.

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE
M9 BAYONET MAINTENANCE

INITIAL SETUP:**Tools and Special Tools**

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

Materials/Parts

Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)
Solid Film Lubricant (WP 0027, Table 1, Item 8)

Materials/Parts (cont.)

Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)
Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

References

WP 0006
WP 0011
WP 0015
WP 0019
WP 0020

WARNING

The bayonet is a sharp dangerous weapon. Handle with care. Keep the tip of the blade pointed away from fellow soldiers and your body at all times. Keep bayonet inside scabbard when not in use. Failure to comply may result in personnel injury or death.

DISASSEMBLY

1. Unscrew and remove cap screw (Figure 1, Item 4) from latch assembly (Figure 1, Item 3).
2. Remove latch assembly (Figure 1, Item 3) from handle (Figure 1, Item 2).
3. Remove handle (Figure 1, Item 2) from blade assembly (Figure 1, Item 1).

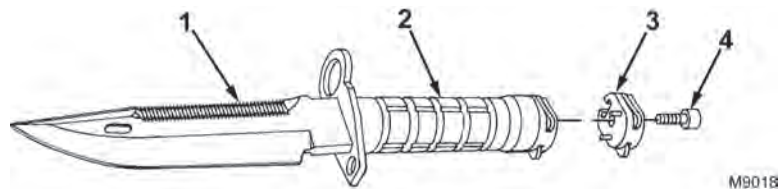


Figure 1. M9 Bayonet-Knife.

END OF TASK**INSPECTION/REPAIR**

1. Inspect cap screw (Figure 2, Item 3) for stripped threads or damage. Replace if necessary.
2. Inspect the latch assembly (Figure 2, Item 5) as follows:
 - a. Inspect spring of the right hand and left hand lock-release levers (Figure 2, Item 4) for proper functioning by depressing the right and left lock-release levers. Replace spring if necessary (WP 0011).
 - b. Inspect spring pins (Figure 2, Item 6) for damage or looseness. If damaged or loose, replace (WP 0011).
 - c. Inspect for rust/corrosion. Clean and lubricate. If unable to remove rust/corrosion, replace component (WP 0011).

INSPECTION/REPAIR - Continued

3. Inspect handle (Figure 2, Item 2) for cracks or chips/nicks.
 - a. Cracks up to 0.50 in. (1.27 cm) in length are acceptable. Replace if cracks are more than 0.50 in. (1.27 cm) in length.
 - b. Chips/nicks up to 0.25 in. (0.64 cm) in diameter are acceptable. Replace if chips/nicks are more than 0.25 in. (0.64 cm) in diameter.
 - c. Inspect front handle for damage to alignment slots. If damage allows rotation of handle when installed, replace.
 - d. Inspect rear of handle alignment holes. If damage allows latch assembly to rotate from correct alignment with blade, replace.

NOTE

Length of blade measured from handguard must not be less than 6.75 in. (17.15 cm) after repointing.

4. Inspect blade (Figure 2, Item 8) for cracks, nicks or blunted point. Bayonets with cracked blades must be replaced. Blunted points and small nicks may be repaired by stoning. If the blade assembly has deep nicks, nicks that can't be removed by stoning or hand filing, replace bayonet.
5. Inspect handguard (Figure 2, Item 7) for deformity. If deformed beyond use, replace bayonet.
6. Inspect saw teeth (Figure 2, Item 1) for broken or dulled teeth. If 1/4 of the saw teeth are broken or worn, replace bayonet.

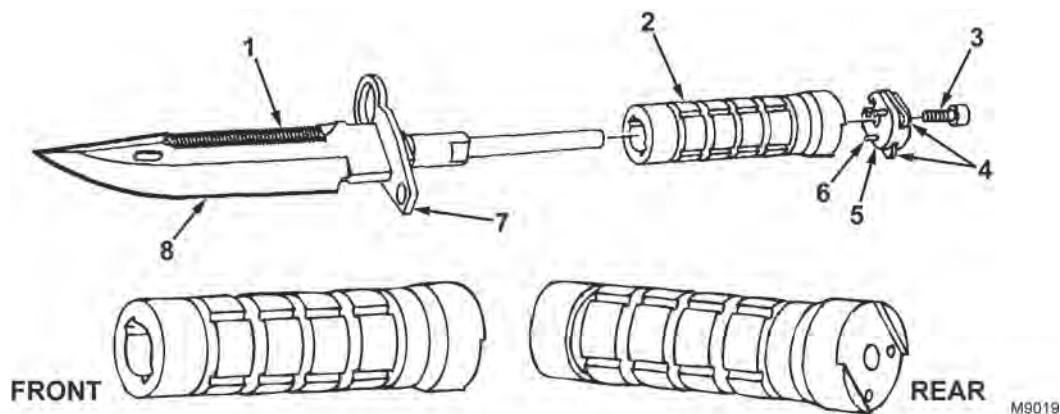


Figure 2. M9 Bayonet-Knife.

INSPECTION/REPAIR - Continued**WARNING****CLEANING COMPOUND MIL-PRF-680**

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
- Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.

7. Reestablish finish as follows:

- a. Remove all lubricant from surfaces to be treated with cleaning solvent. Wear rubber gloves and use a tote box and brush to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

- b. Roughen surface using abrasive cloth.
- c. Be sure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant.

INSPECTION/REPAIR - Continued**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

NOTE

If solid film lubricant comes into contact with the functional surfaces of the lock-release lever, remove lubricant immediately by washing with cleaning solvent.

- d. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.

WARNING

To avoid injury while tightening tang, clamp blade in a padded jaw vice. Failure to comply may result in personnel injury or death and/or damage to equipment.

CAUTION

Blade is brittle. Do not overtighten or apply sideways pressure that may break blade. Failure to comply may result in equipment damage.

NOTE

Use hand pressure only when inspecting tang for looseness. Use no tools.

8. Inspect tang (Figure 3, Item 1). If loose, tighten securely.

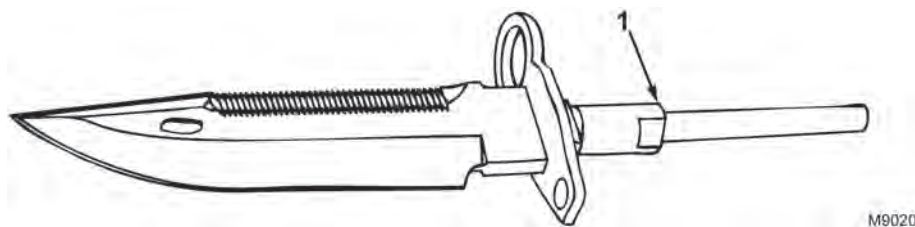


Figure 3. M9 Bayonet-Knife Tang.

9. Repair is by replacement of authorized parts (WP 0015, WP 0019, and WP 0020) as required.

END OF TASK

CLEAN/LUBRICATE**NOTE**

For use of lubricant, refer to WP 0006.

Wipe bayonet with wiping rag and apply a light coat of CLP, semifluid lubricating oil, or weapons lubricating oil.

END OF TASK**ASSEMBLY****NOTE**

Ensure that the Bayonet-Knife assembly is retained securely on the bayonet lug of the rifle. The bayonet should mount and dismount without interference. If latch assembly does not function properly, repair the latch assembly (WP 0011).

1. Install handle (Figure 4, Item 1) on blade assembly (Figure 4, Item 2) with small holes (Figure 4, Item 5) for latch assembly (Figure 4, Item 8) away from large hole (Figure 4, Item 3) in handguard (Figure 4, Item 4).
2. Align latch assembly (Figure 4, Item 8) on handle (Figure 4, Item 1) with locking lug (Figure 4, Item 6) aligned with large hole (Figure 4, item 3) in handguard (Figure 4, Item 4).
3. Install latch assembly (Figure 4, Item 8) on handle (Figure 4, Item 1) with cap screw (Figure 4, item 7). Tighten cap screw (Figure 4, Item 7) until tight.

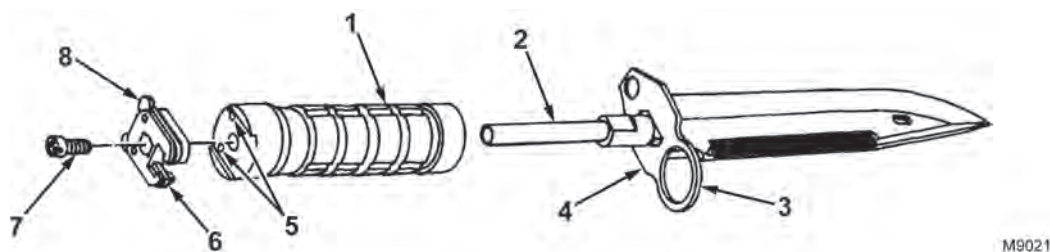


Figure 4. M9 Bayonet-Knife Assembly.

END OF TASK**END OF WORK PACKAGE**

**FIELD MAINTENANCE
LATCH ASSEMBLY MAINTENANCE**

INITIAL SETUP:**Tools and Special Tools**

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

Materials/Parts

Spring Pin (WP 0017, Figure 3, Item 3) Qty: (2)
Helical Spring (WP 0017, Figure 3, Item 4)
Qty: (1)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)
Solid Film Lubricant (WP 0027, Table 1, Item 8)

Materials/Parts (cont.)

Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)
Wiping Rag (WP 0027, Table 1, Item 15)

References

WP 0006
WP 0020

Equipment Condition

Latch assembly removed from M9 Bayonet-Knife
(WP 0010)

DISASSEMBLY**WARNING**

To avoid injury to your eyes, wear eye protection when removing and installing spring-loaded parts. Failure to comply may result in personnel injury.

1. Remove spring pin (Figure 1, Item 4), LH lock-release lever (Figure 1, Item 6), and compression helical spring (Figure 1, Item 5) from latch plate (Figure 1, Item 1). Discard compression helical spring and spring pin.
2. Remove spring pin (Figure 1, Item 3) and RH lock-release lever (Figure 1, Item 2). Discard spring pin.

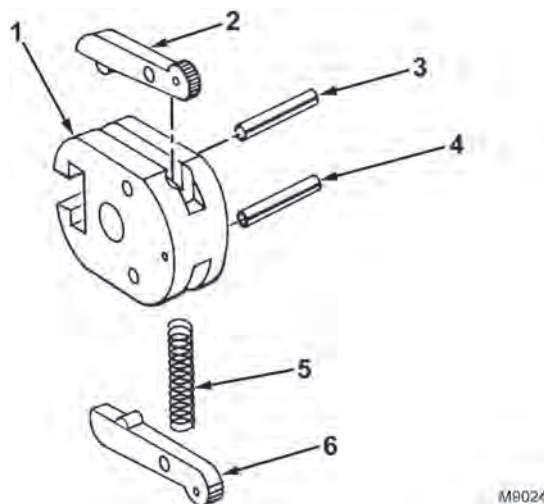


Figure 1. M9 Multipurpose Bayonet System Latch Assembly.

END OF TASK

INSPECTION/REPAIR

1. Inspect lock-release levers (Figure 2, Items 2 and 3) for wear, bending, and corrosion. If positive retention is questionable, replace the lock-release levers.
2. Inspect latch plate (Figure 2, Item 1) for damage and corrosion.
3. If corrosion is found, clean and lubricate. If corrosion cannot be removed, replace component.

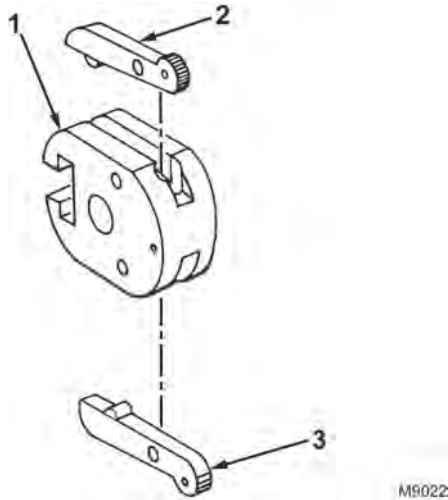


Figure 2. M9 Multipurpose Bayonet System Latch Assembly.

INSPECTION/REPAIR - Continued

WARNING**CLEANING COMPOUND MIL-PRF-680**

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
4. For latch plate (Figure 1, Item 1), reestablish finish as follows:
- a. Use cleaning solvent to remove all lubricant from surfaces to be treated. Wear rubber gloves to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

- b. Roughen surface using abrasive cloth.
- c. Ensure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant.

INSPECTION/REPAIR - Continued**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

NOTE

If solid film lubricant comes into contact with the functional surfaces of the lock-release lever, remove lubricant immediately by washing with cleaning solvent.

- d. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.
- 5. Repair is by replacement of authorized parts (WP 0020) as required.

END OF TASK**CLEAN/LUBRICATE****NOTE**

For use of lubricant, refer to WP 0006.

Wipe all parts with wiping rag and apply a light coat of lubricant.

END OF TASK

ASSEMBLY**NOTE**

Before installing, identify RH and LH lock-release levers. The indentation in each ear must face toward the soldier and be opposite the bayonet mounting slot. The RH lock-release lever is to the right when the Bayonet-Knife is pointing away and the saw teeth are on top of the blade.

Spring pins must be installed flush or just below the back surface of the latch plate. The back of the latch plate is identified by an indentation.

1. Position RH lock-release lever (Figure 3, Item 2) on latch plate (Figure 3, Item 1) and install new spring pin (Figure 3, Item 3) to latch plate (Figure 3, Item 1).
2. Install new compression helical spring (Figure 3, Item 5), position LH lock-release lever (Figure 3, Item 6) on latch plate (Figure 3, Item 1) and install new spring pin (Figure 3, Item 4) to latch plate (Figure 3, Item 1).

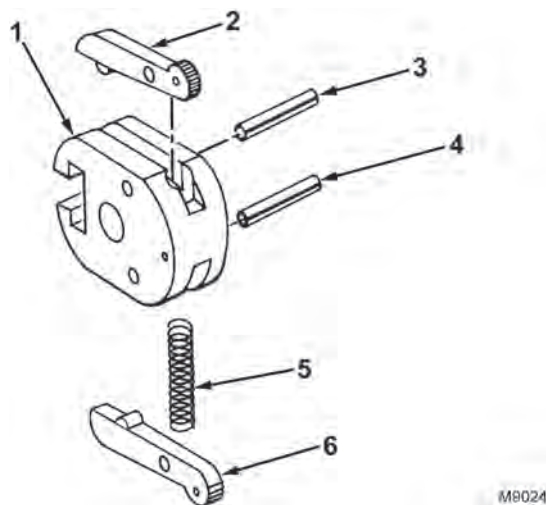


Figure 3. M9 Multipurpose Bayonet System Latch Assembly.

END OF TASK**FOLLOW-ON TASK**

Install latch assembly on M9 Bayonet-Knife (WP 0010).

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE

M9 SCABBARD AND ATTACHING ASSEMBLY MAINTENANCE

INITIAL SETUP:

Tools and Special Tools

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

References

WP 0006
WP 0013

Materials/Parts

Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Solid Film Lubricant (WP 0027, Table 1, Item 8)
Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)
Wiping Rag (WP 0027, Table 1, Item 15)

Equipment Condition

Bayonet-Knife is removed from scabbard

DISASSEMBLY

1. Remove attaching assembly load-bearing end (Figure 1, Item 2).
2. Separate attaching assembly scabbard end (Figure 1, Item 3) by removing two socket head screws (Figure 1, Item 1).

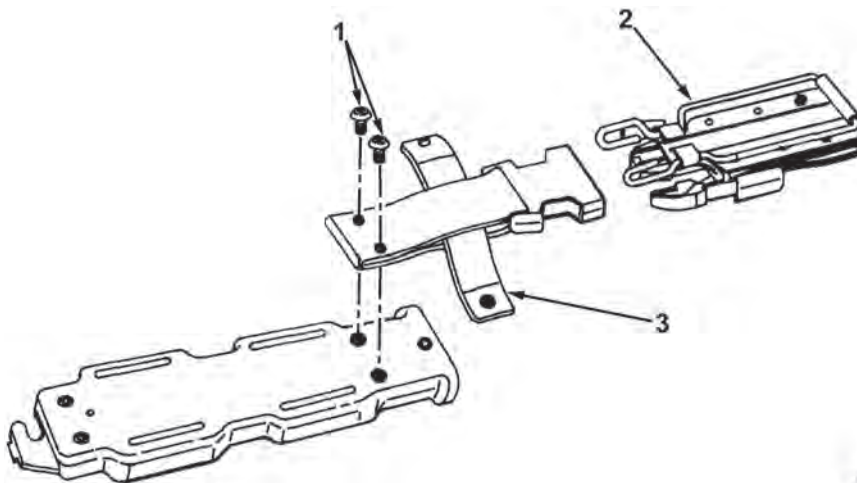


Figure 1. Scabbard.

END OF TASK

INSPECTION/REPAIR**WARNING****SOLID FILM LUBRICANT**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

NOTE

Cutter plate requires replacement only if it is cracked, broken, or won't cut wire.
Replacing screw driver tip is only necessary if it won't remove bayonet cap screw.

1. Inspect cutter assembly (Figure 2, Item 2) for damage, shiny surface, or corrosion. If damaged, repair cutter assembly (WP 0013). If shiny surface, use solid film lubricant (WP 0006). If corrosion, clean and lubricate with solid film lubricant.
2. Inspect cutter assembly (Figure 2, Item 2) by attaching blade (Figure 2, Item 3) and checking stud (Figure 2, Item 1) for proper functioning. If cutter assembly is worn and will not function properly, repair cutter assembly (WP 0013).
3. Inspect cutter assembly (Figure 2, Item 2) for breaks and cracks. If cutter assembly is broken or cracked, repair cutter assembly (WP 0013).
4. Inspect socket head screw (Figure 2, Item 12) for looseness and/or damage.
 - a. If loose, tighten with 1/8-in. socket head screw key.
 - b. If damaged, replace.
5. Inspect scabbard body assembly (Figure 2, Item 13) for proper functioning. Replace if it will no longer retain the Bayonet-Knife.
6. Inspect attaching assembly scabbard end (Figure 2, Item 11) for proper functioning.
 - a. Inspect webbing portion (Figure 2, Item 9). Cuts up to 0.25 in. (0.64 cm) are acceptable. For cuts of more than 0.25 in. (0.64 cm), replace attaching assembly scabbard end.
 - b. Inspect snap (Figure 2, Item 10) and socket (Figure 2, Item 15) for proper functioning. If defective, replace attaching assembly scabbard end.
 - c. Inspect plastic portion (Figure 2, Item 16). If broken or defective and will not function correctly, replace attaching assembly scabbard end.
 - d. Inspect socket head screws (Figure 2, Item 14). If defective or damaged, replace.
7. Inspect attaching assembly load-bearing end (Figure 2, Item 6) by checking for proper functioning.
 - a. Inspect webbing portion (Figure 2, Item 7). Cuts up to 0.25 in. (0.64 cm) are acceptable. For cuts of more than 0.25 in. (0.64 cm), replace attaching assembly load-bearing end.
 - b. Inspect plastic portion (Figure 2, Item 8). If broken or defective and will not function correctly, replace attaching assembly load-bearing end.
 - c. Inspect metal portion (Figure 2, Item 4). If metal portion is disfigured and interferes with proper functioning, replace attaching assembly load-bearing end.
 - d. Inspect for loose or missing rivets (Figure 2, Item 5). Tighten loose rivets by peening. If a rivet is missing or cannot be tightened, replace attaching assembly load-bearing end.

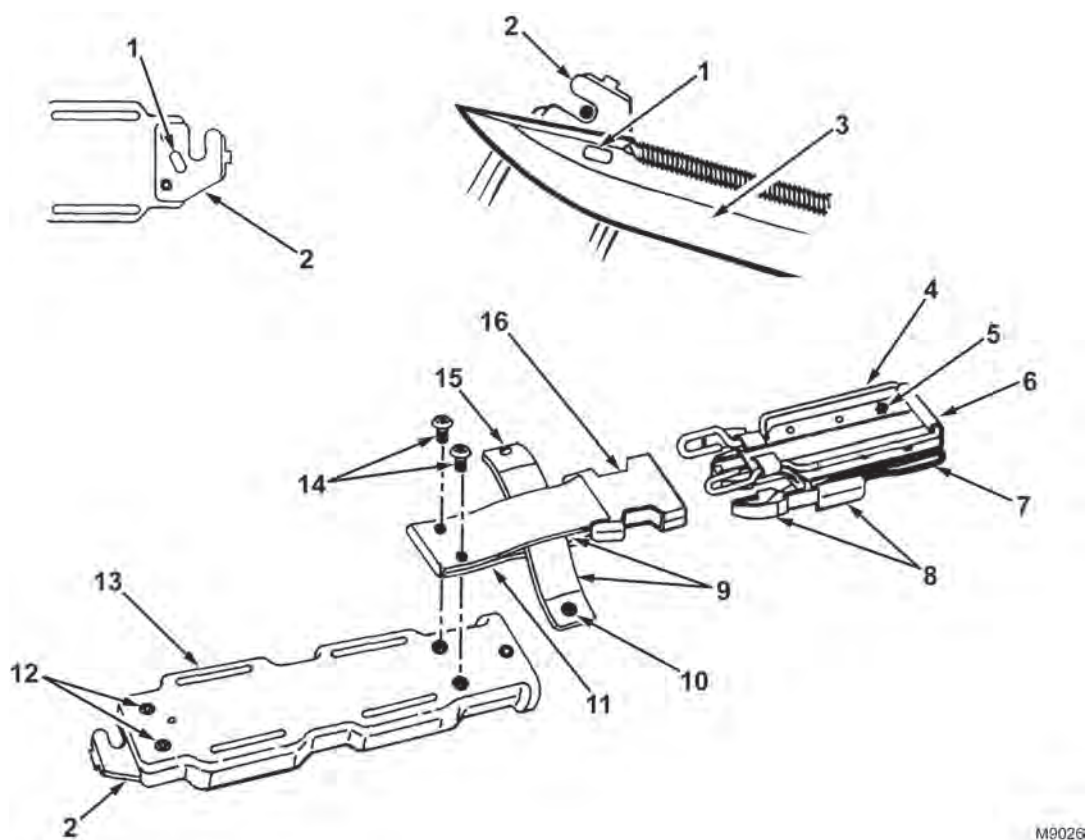
INSPECTION/REPAIR - Continued

Figure 2. Scabbard.

END OF TASK

CLEAN/LUBRICATE

NOTE

Refer to WP 0006 for deciding which lubricant to use.

Wipe metal parts of scabbard with wiping rag and apply a light coat of lubricant.

END OF TASK

ASSEMBLY**CAUTION**

Two different lengths of socket head screws are used on the scabbard. When replacing, be sure to replace with the correct length socket head screw. Use the long screws to attach the cutter plate and the short screws to attach the attaching assembly, scabbard end. Failure to comply may damage equipment.

1. Position attaching assembly scabbard end (Figure 3, Item 2) on scabbard body assembly (Figure 3, Item 3) so that fastener will close around M9 Bayonet-Knife. Install two socket head screws (Figure 3, Item 1).

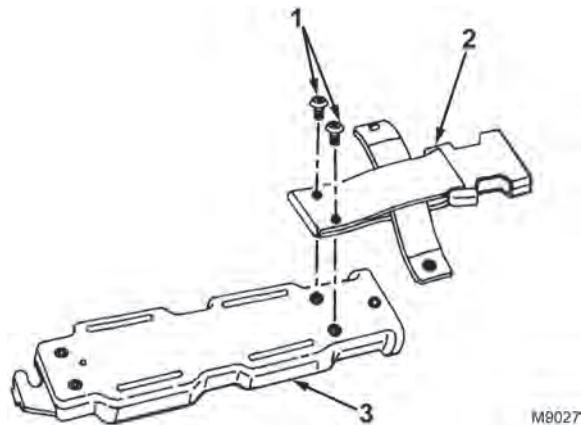


Figure 3. Scabbard End and Body Assembly.

2. Install attaching assembly load-bearing end (Figure 4, Item 2) with plastic portion (Figure 4, Item 3) towards M9 scabbard (Figure 4, Item 1) as shown.

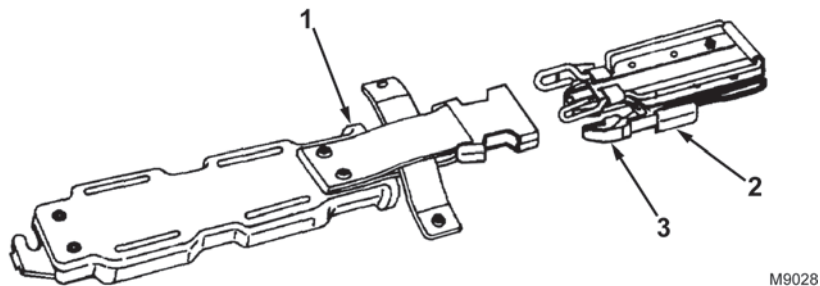


Figure 4. Scabbard Attaching Assembly.

END OF TASK**FOLLOW-ON TASK**

Install Bayonet-Knife to scabbard.

END OF TASK**END OF WORK PACKAGE**

FIELD MAINTENANCE

M9 SCABBARD BODY ASSEMBLY MAINTENANCE

INITIAL SETUP:

Tools and Special Tools

Small Arms Tool Kit (Army only) (WP 0028, Table 1, Item 1)

Materials/Parts (cont.)

Tote Box (WP 0027, Table 1, Item 14)
Wiping Rag (WP 0027, Table 1, Item 15)

Materials/Parts

Brush (WP 0027, Table 1, Item 2)
Cleaner, Lubricant and Preservative (CLP)
(WP 0027, Table 1, Item 3)
Abrasive Cloth (WP 0027, Table 1, Item 4)
Cleaning Solvent (WP 0027, Table 1, Item 5)
Rubber Gloves (WP 0027, Table 1, Item 7)
Solid Film Lubricant (WP 0027, Table 1, Item 8)
Lubricating Oil (WP 0027, Table 1, Item 9)
Lubricating Oil (WP 0027, Table 1, Item 10)

References

WP 0006

Equipment Condition

Bayonet-Knife removed from scabbard
Scabbard body assembly separated from
attaching assembly scabbard end and
attaching assembly load bearing end
(WP 0012)

PRE-INSPECTION

1. Visually inspect scabbard body assembly (Figure 1, Item 1) for cracks. If cracked more than 0.50 in. (1.27 cm), replace scabbard body assembly.
2. Inspect two socket head screws (Figure 1, Item 3) for damage. If defective or damaged, replace.
3. Inspect cutter assembly (Figure 1, Item 2) for breaks and cracks. Replace cutter assembly if broken, cracked, or nonfunctioning.

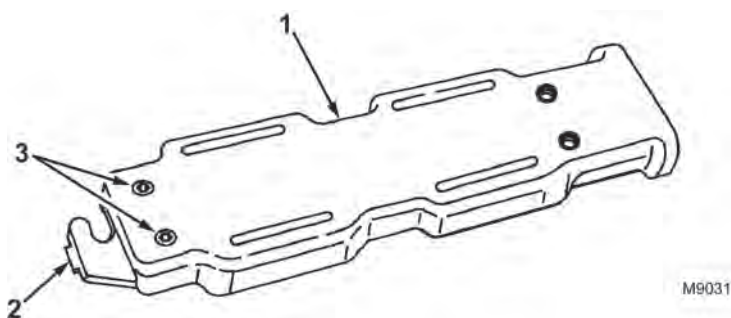


Figure 1. Scabbard Body Assembly.

END OF TASK

DISASSEMBLY**NOTE**

Disassemble only if inspection indicates repair or cleaning is required.

1. Remove two socket head screws (Figure 2, Item 1) from scabbard body assembly (Figure 2, Item 2).
2. Remove cutter assembly (Figure 2, Item 3) from scabbard body assembly (Figure 2, Item 2).

END OF TASK**CLEAN**

Wipe metal parts of scabbard body assembly with wiping rag.

END OF TASK**INSPECTION**

1. Inspect screw (Figure 2, Item 1) threads and heads for damage. If damaged, replace.
2. Inspect for worn or shiny areas on cutter assembly (Figure 2, Item 2).

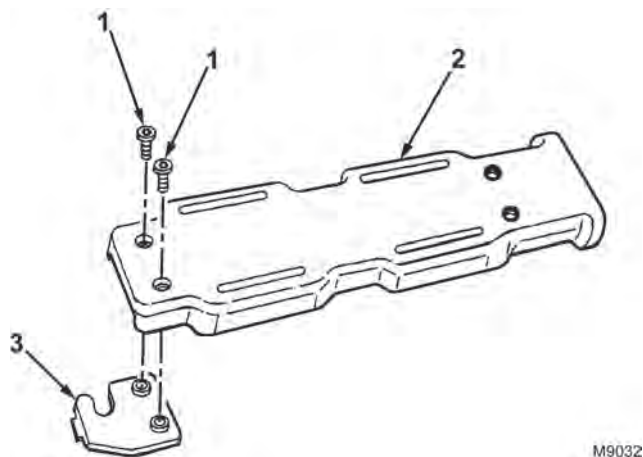


Figure 2. Scabbard Body Assembly.

INSPECTION - Continued**WARNING****CLEANING COMPOUND MIL-PRF-680**

- Solvent cleaning compound MIL-PRF-680 may be irritating to the eyes and skin. Wear protective gloves and eye protection. First aid for skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water. First aid for eye contact: flush with water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Use solvent cleaning compound MIL-PRF-680 in a well-ventilated area. Use respirator as needed. Accidental ingestion can cause irritation of digestive tract and respiratory tract. May cause lung and central nervous system damage. Can be fatal if swallowed. Inhalation of high/massive concentrations can cause coma or be fatal. First aid for ingestion: DO NOT induce vomiting. Seek immediate medical attention. First aid for inhalation: move to fresh air. If not breathing, provide artificial respiration. If symptoms persist, seek medical attention. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - MIL-PRF-680 solvent is combustible; DO NOT use or store near heat, sparks, flame, or other ignition sources. Use mechanical ventilation whenever product is used in a confined space, heated above ambient temperatures, or agitated. Keep container sealed when not in use. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Improper cleaning methods and use of unauthorized cleaning liquids or solvents can injure personnel and damage equipment. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
 - Cloths or rags saturated with solvent cleaning compound must be disposed of in accordance with authorized facility procedures. Failure to comply may result in personnel death or injury. Seek medical attention in event of injury.
3. Reestablish finish as required.
- a. Remove all lubricant from surfaces to be treated with cleaning solvent. Wear rubber gloves and use a tote box and brush to apply cleaning solvent.

CAUTION

Do not use wire brush to roughen surface. Failure to comply may result in equipment damage.

- b. Roughen surface using abrasive cloth.
- c. Ensure surface to be treated is thoroughly cleaned and dried prior to application of solid film lubricant.

INSPECTION - Continued**WARNING**

When using solid film lubricant, be sure area is well ventilated. Failure to comply may result in personnel injury or death.

- d. Apply solid film lubricant to shiny surfaces. Allow to dry 16 to 24 hours before handling.

NOTE

For deciding which lubricant to use, refer to WP 0006.

- e. Wipe metal parts of scabbard body assembly with wiping rag and apply a light coat of lubricant.

END OF TASK**ASSEMBLY****CAUTION**

Two different lengths of socket head screws are used on the scabbard. When replacing, be sure to replace with the correct length socket head screw. Use the long screws to attach the cutter plate and the short screws to attach the attaching assembly, scabbard end. Failure to comply may damage equipment.

1. Install cutter assembly (Figure 3, Item 3) on scabbard body assembly (Figure 3, Item 2) as shown.
2. Install two socket head screws (Figure 3, Item 1). Tighten two socket head screws (Figure 3, Item 1).

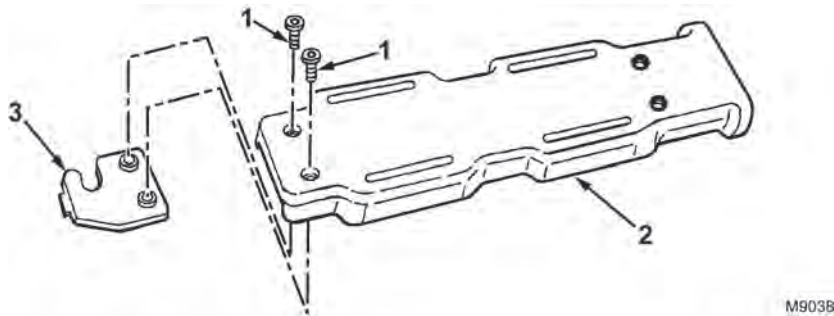


Figure 3. Scabbard Body Assembly.

END OF TASK

FOLLOW-ON TASK

1. Install attaching assembly scabbard end and attaching load bearing end on scabbard body assembly. (WP 0012).
2. Bayonet-Knife installed into scabbard.

END OF TASK**END OF WORK PACKAGE**

CHAPTER 4

PARTS INFORMATION

FIELD MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of Field maintenance of the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife with M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the Source, Maintenance, and Recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages:

1. **Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work package. Repair parts kits are listed separately in their own functional group and work packages. Repair for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.
2. **Special Tools List Work Packages.** Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) Column). Tools that are components of common tool sets and/or Class VII are not listed.
3. **Cross-Reference Indexes Work Packages.** There are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package, and the Part Number (P/N) Index work package. The NSN Index work package refers you to the figure and item number. The P/N Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code contains supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout. This entry may be subdivided into four subentries, one for each service.

Table 1. SMR Code Explanation.

<u>Source Code</u> <u>XX</u>		<u>Maintenance Code</u> <u>XX</u>	<u>Recoverability Code</u> <u>X</u>
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.	5th position: Who determines disposition action on unserviceable items.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued

***Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.**

Source Code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

<u>Source Code</u>	<u>Application/Explanation</u>
PA	<p style="text-align: center;">NOTE</p> <p>Items coded PC are subject to deterioration.</p> <p>Stocked items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.</p>
PB	
PC	
PD	
PE	
PF	
PG	
PH	
PR	
PZ	
KD	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
KF	
KB	
MF - Made at field	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) Column and listed in the bulk material functional group of this RPSTL. If the item is authorized to you by the third position of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
MH - Made at below depot/sustainment level	
ML - Made at SRA	
MD - Made at depot	
MG - Navy only	
AF - Assembled by field	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the third position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
AH - Assembled by below depot/sustainment level	
AL - Assembled by SRA	
AD - Assembled by depot	
AG - Navy only	
XA	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB	If an item is not available from salvage, order it using the Commercial and Government Entity Code (CAGEC) and P/N.
XC	Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.
XD	Item is not stocked. Order an "XD" coded item through local purchase or normal supply channels using the CAGEC and P/N given, if no NSN is available.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

<u>Maintenance Code</u>	<u>Application/Explanation</u>
C -	Crew maintenance can service, remove, replace, and use the item.
F -	Field maintenance can remove, replace, and use the item.
H -	Below Depot Sustainment maintenance can remove, replace, and use the item.
L -	Specialized Repair Activity (SRA) can remove, replace, and use the item.
G -	Afloat and ashore intermediate maintenance can remove, replace, and use the item (Navy only).
K -	Contractor facility can remove, replace, and use the item.
Z -	Item is not authorized to be removed, replaced, or used at any maintenance level.
D -	Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

<u>Maintenance Code</u>	<u>Application/Explanation</u>
F -	Field is the lowest level that can do complete repair of the item.
H -	Below Depot Sustainment is the lowest level that can do complete repair of the item.
L -	SRA is the lowest level that can do complete repair of the item.
D -	Depot is the lowest level that can do complete repair of the item.
G -	Both afloat and ashore intermediate levels are capable of complete repair of item (Navy only).

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued

K -	Complete repair is done at contractor facility.
Z -	Nonreparable. No repair is authorized.
B -	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

<u>Recoverability Code</u>	<u>Application/Explanation</u>
Z -	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
F -	Reparable item. When uneconomically reparable, condemn and dispose of the item at the field level.
H -	Reparable item. When uneconomically reparable, condemn and dispose of the item at the below depot sustainment level.
D -	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L -	Reparable item. Condemnation and disposal not authorized below SRA.
A -	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.
G -	Field level repair item. Condemn and dispose at either afloat or ashore intermediate levels (Navy only).
K -	Reparable item. Condemnation and disposal to be performed at contractor facility.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The CAGEC is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different part number from the number listed.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES - Continued

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)).

This column includes the following information:

1. The federal item name and, when required, a minimum description to identify the item.
2. Part numbers of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from Electromagnetic Pulse (EMP) damage during a nuclear attack.
4. The statement END OF FIGURE appears just below the last item description in Column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) Column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. **NATIONAL STOCK NUMBER (NSN) INDEX Work Package.** NSNs in this index are listed in National Item Identification Number (NIIN) sequence.

STOCK NUMBER Column. This column lists the NSN in NIIN sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number. For example, if the NSN is 5385-01-574-1476, the NIIN is 01-574-1476.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. Column. This item is also identified by the NSN listed on the same line.

2. **PART NUMBER (P/N) INDEX Work Package.** Part numbers in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combination which places the first letter or digit of each group in order "A" through "Z," followed by the numbers "0" through "9" and each following letter or digit in like order).

PART NUMBER Column. Indicates the part number assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC:..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

<u>Code</u>	<u>Used On</u>
538	M7 Bayonet-Knife with M10 Bayonet-Knife Scabbard.
AE2	M9 Multipurpose Bayonet System.
BP1	OKC-3S Multipurpose Bayonet System (USMC only).

HOW TO LOCATE REPAIR PARTS

1. When NSNs or P/Ns Are Not Known.

First. Use the table of contents to determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and P/Ns are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN Index work package. The NSN Index work package is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER Column of the Part Number (P/N) Index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

4. When Reference Designator Is Known.

First. If you know the reference designator, look in the REFERENCE DESIGNATOR Column of the Reference Designator Index work package. Note the figure and item number.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

ABBREVIATIONS**Abbreviation**

BOI
EMP
NIIN

RPSTL
SMR
SRA
TMDE
U/M
UOC

Explanation

Basis of Issue
Electromagnetic Pulse
National Item Identification Number (consists of the last 9 digits of the NSN)
PIN
Repair Parts and Special Tools Lists
Source, Maintenance, and Recoverability Code
Specialized Repair Activity
Test, Measurement, and Diagnostic Equipment
Unit of Measure
Usable on Code

END OF WORK PACKAGE

**FIELD MAINTENANCE
GROUP 00 M7, M9, AND M10**

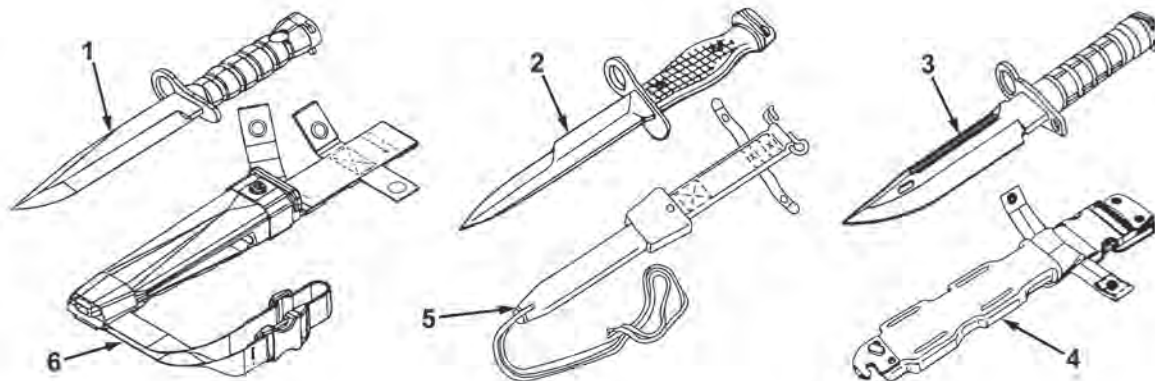


Figure 1. OKC-3S Bayonet 1906 (USMC Only), Bayonet-Knife with M10 Scabbard, M7 8427025 & M9 Multipurpose Bayonet System 12011860.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 00 M7, M9, AND M10						
FIG. 1. OKC-3S BAYONET 1906 (USMC ONLY), BAYONET-KNIFE WITH M10 SCABBARD, M7 8427025 & M9 MULTIPURPOSE BAYONET SYSTEM 12011860.						
1	PAFZZ	1095-01-507-5729	2V376	G1901	BAYONET-KNIFE (USMC ONLY) UOC: BP1	1
2	PAFFF	1095-00-073-9238	19204	11010077	BAYONET-KNIFE M7 SEE FIG. 2 AND 3 FOR ASSEMBLY BREAKDOWN UOC: 538	1
3	XAFFF		19200	12011861	KNIFE,BAYONET ASSE M9 SEE 5 AND 6 FOR ASSEMBLY BREAKDOWN UOC: AE2	1
4	XAFFF		19200	12011862	SCABBARD,KNIFE,BAYO (M9) SEE FIG. 7 FOR ASSEMBLY BREAKDOWN UOC: AE2	1
5	PAFFF	1095-00-223-7164	19204	8448476	SCABBARD,BAYONET-KN SEE FIG. 5 AND 6 FOR ASSEMBLY BREAKDOWN UOC: 538	1
6	PAFZZ	1095-01-507-5713	2V376	G1903	SCABBARD,BAYONET (USMC ONLY) UOC: BP1	1

END OF FIGURE

**FIELD MAINTENANCE
GROUP 02 M7 BAYONET**

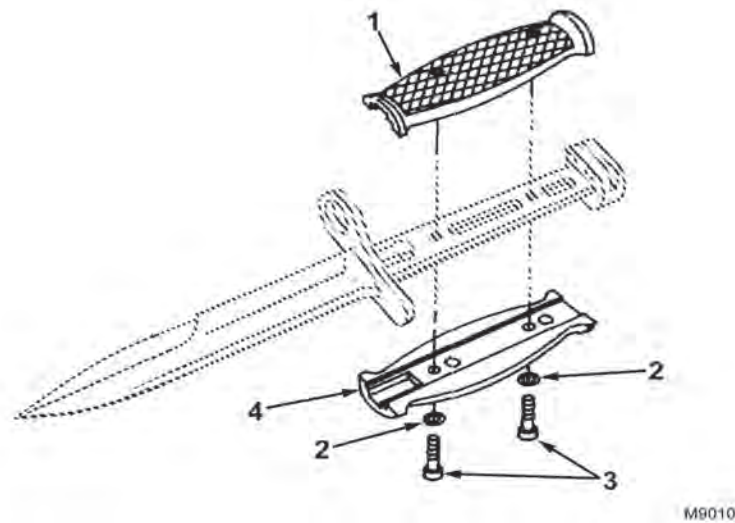


Figure 2. Grip, Bayonet-Knife, M7 RH & LH.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 02 M7 BAYONET						
FIG. 2. GRIP,BAYONET-KNIFE, M7 RH & LH.						
1	PAFZZ	1005-00-051-3607	19204	11010068	GRIP,BAYONET-KNIFE LH UOC: 538.....	1
2	PAFZZ	5310-00-579-0079	80205	MS35333-37	WASHER,LOCK UOC: 538.....	2
3	PAFZZ	5305-00-051-3609	19204	11010078	SCREW,MACHINE UOC: 538.....	2
4	PAFZZ	1005-00-051-3608	19204	11010069	GRIP,BAYONET-KNIFE RH UOC: 538.....	1

END OF FIGURE

**FIELD MAINTENANCE
GROUP 0201 M7 BLADE ASSEMBLY**

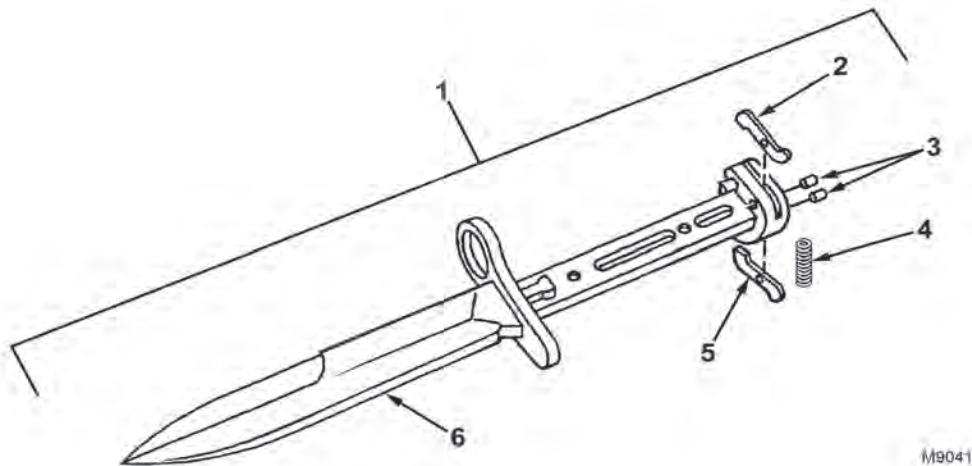


Figure 3. Blade, Assembly, M7 11010067.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0201 M7 BLADE ASSEMBLY						
FIG. 3. BLADE, ASSEMBLY, M7 11010067						
1	XAFFF		19204	11010067	BLADE ASSEMBLY M7 UOC: 538.....	1
2	PAFZZ	5340-00-051-3901	19204	11010011	.LEVER,LOCK-RELEASE BAYONET LH UOC: 538,AE2.....	1
3	PAFZZ	5315-00-058-6077	80205	MS16562-125	.PIN,SPRING UOC: 538.....	2
4	PAFZZ	5360-00-716-0949	19200	7160949	.SPRING,HELICAL, COMPRESSION UOC: 538,AE2.....	1
5	PAFZZ	5340-00-051-3899	19204	11010010	.LEVER,LOCK-RELEASE BAYONET RH UOC: 538,AE2.....	1
6	XAFZZ		19204	11010066	.BLADE BAYONET-KNIFE (M7) UOC: 538.....	1

END OF FIGURE

FIELD MAINTENANCE
GROUP 03 M10 SCABBARD

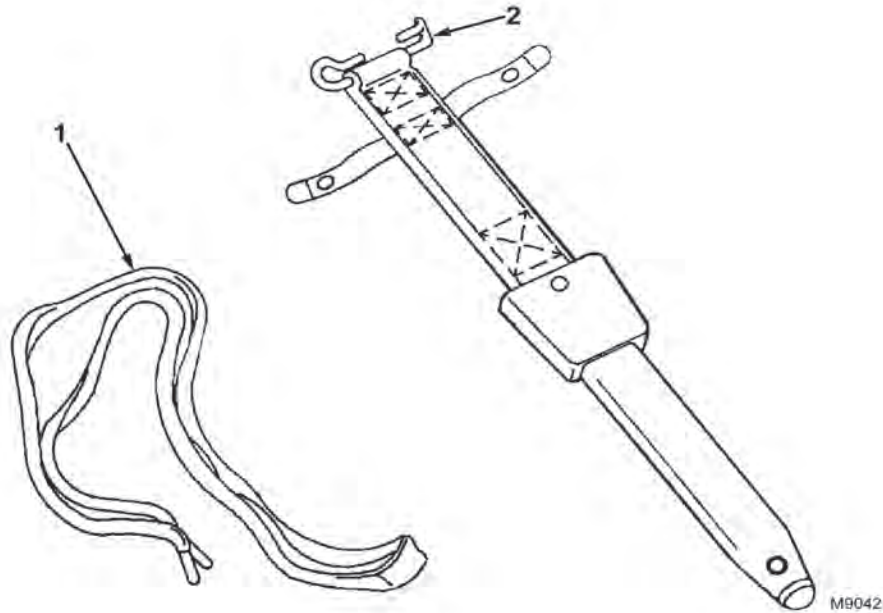


Figure 4. Scabbard, Bayonet-Knife, M10 8448476.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 03 M10 SCABBARD						
1	PAFZZ	1005-00-300-5378	19204	7267136-2	FIG. 4. SCABBARD,BAYONET-KNIFE, M10 8448476 LACE,RESTRAINING,SC UOC: 538.....	1
2	XAFZZ		19200	KM0001	SCABBARD ASSEMBLY UOC: 538.....	1

END OF FIGURE

FIELD MAINTENANCE
GROUP 04 M9 BAYONET

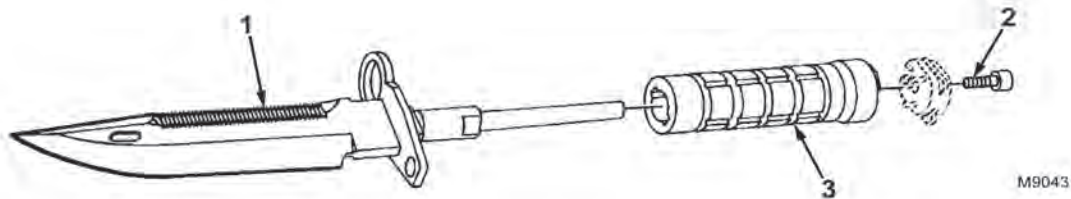
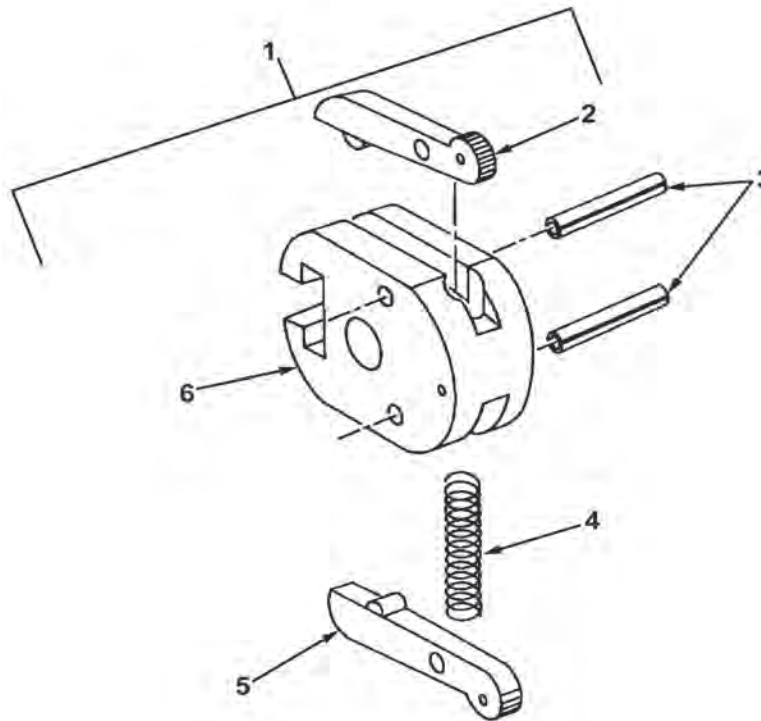


Figure 5. Bayonet-Knife Assembly, M9 12011861.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 04 M9 BAYONET						
FIG. 5. BAYONET-KNIFE ASSEMBLY, M9 12011861.						
1	XAFZZ		19200	12598166	BLADE,ASSEMBLY (M9) UOC: AE2.....	1
2	PAFZZ	5305-01-278-1150	19200	12598171	SCREW,CAP,SOCKET HE UOC: AE2.....	1
3	PAFZZ	5110-01-569-6940	19200	13005257	HANDLE,KNIFE BLADE UOC: AE2.....	1

END OF FIGURE

FIELD MAINTENANCE
GROUP 0401 LATCH ASSEMBLY



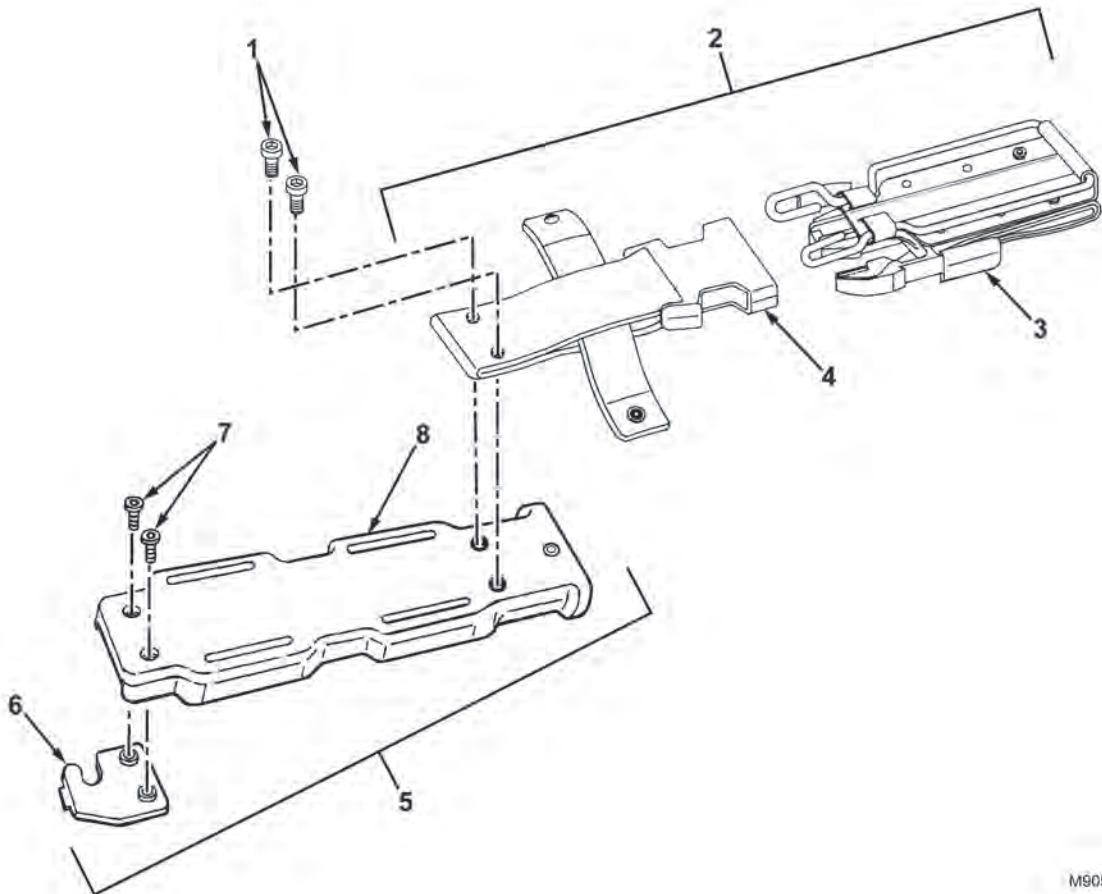
M9044

Figure 6. Latch Assembly 12598168.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0401 LATCH ASSEMBLY						
FIG. 6. LATCH ASSEMBLY 12598168.						
1	PAFFF	1005-01-510-7986	19200	12598168	LATCH ASSEMBLY UOC: AE2.....	1
2	PAFZZ	5340-00-051-3899	19204	11010010	.LEVER,LOCK-RELEASE BAYONET RH UOC: 538,AE2.....	1
3	PAFZZ	5315-00-058-6081	80205	MS16562-129	.PIN,SPRING UOC: AE2.....	2
4	PAFZZ	5360-00-716-0949	19200	7160949	.SPRING,HELICAL,COMP UOC: 538,AE2.....	1
5	PAFZZ	5340-00-051-3901	19204	11010011	.LEVER,LOCK-RELEASE BAYONET LH UOC: 538,AE2.....	1
6	XAFZZ		19200	12598167	.LATCH,PLATE UOC: AE2.....	1

END OF FIGURE

**FIELD MAINTENANCE
GROUP 05 M9 SCABBARD,
GROUP 0501 ATTACHING ASSEMBLY,
GROUP 0502 SCABBARD BODY ASSEMBLY**



M9051

Figure 7. Scabbard, Bayonet-Knife M9 12011862.

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 05 M9 SCABBARD,						
0501 ATTACHING ASSEMBLY,						
0502 SCABBARD BODY ASSEMBLY						
FIG. 7. SCABBARD, BAYONET-KNIFE						
M9 12011862.						
1	PAFZZ	5305-01-391-7520	80204	B18.3 10-24 X 0.38 BHCS CRSTEEL	SCREW,CAP,SOCKET HE UOC: AE2	2
2	AFFFF		19200	12598193	ATTACHING ASSEMBLY UOC: AE2	1
3	PAFZZ	1005-01-278-1174	19200	12598195	. ATTACHING ASSEMBLY, LOAD BEARING END UOC: AE2	1
4	PAFZZ	5340-01-275-5398	19200	12598189	. STRAP,WEBBING ASSEMBLY SCABBARD END UOC: AE2	1
5	PAFFF	1095-01-512-2744	19200	12598184	SCABBARD,BAYONET ASSEMBLY UOC: AE2	1
6	PAFZZ	1005-01-394-6125	19200	12956515	. CUTTER ASSEMBLY UOC: AE2	1
7	PAFZZ	5305-01-305-6170	80204	0.190-32UNF-3AX0. 688 ST SK HEX	. SCREW,CAP,SOCKET HE UOC: AE2	2
8	XAFZZ		19200	12598179	. BODY,ASSEMBLY,SCABB UOC: AE2	1

END OF FIGURE

**FIELD MAINTENANCE
NATIONAL STOCK NUMBER (NSN) INDEX**

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
1005-00-051-3607	2	1	5360-00-716-0949	3	4
1005-00-051-3608	2	4		6	4
5305-00-051-3609	2	3	5340-01-275-5398	7	4
5340-00-051-3899	3	5	5305-01-278-1150	5	2
	6	2	1005-01-278-1174	7	3
5340-00-051-3901	3	2	5305-01-305-6170	7	7
	6	5	5305-01-391-7520	7	1
5315-00-058-6077	3	3	1005-01-394-6125	7	6
5315-00-058-6081	6	3	1095-01-507-5713	1	6
1095-00-073-9238	1	2	1095-01-507-5729	1	1
1095-00-223-7164	1	5	1005-01-510-7986	6	1
1005-00-300-5378	4	1	1095-01-512-2744	7	5
5310-00-579-0079	2	2	5110-01-569-6940	5	3

END OF WORK PACKAGE

**FIELD MAINTENANCE
PART NUMBER (P/N) INDEX**

PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
B18.3 10-24 X 0.38 BHCS			11010078	2	3
CRSTEEL	7	1	12011861	1	3
G1901	1	1	12011862	1	4
G1903	1	6	12598166	5	1
KM0001	4	2	12598167	6	6
MS16562-125	3	3	12598168	6	1
MS16562-129	6	3	12598171	5	2
MS35333-37	2	2	12598179	7	8
0.190-32UNF-3AX0.688 ST			12598184	7	5
SK HEX	7	7	12598189	7	4
11010010	3	5	12598193	7	2
	6	2	12598195	7	3
11010011	3	2	12956515	7	6
	6	5	13005257	5	3
11010066	3	6	7160949	3	4
11010067	3	1		6	4
11010068	2	1	7267136-2	4	1
11010069	2	4	8448476	1	5
11010077	1	2			

END OF WORK PACKAGE

CHAPTER 5

SUPPORTING INFORMATION

FIELD MAINTENANCE REFERENCES

SCOPE

This work package lists all administrative publications; drawings; field manuals; forms; specifications and standards; and technical publications referenced in this manual.

DA PAM 25-30, Consolidated Index of Army Publications and Blank Forms, should be consulted for information concerning changes, revisions, suppression, or replacement of references listed.

FIELD MANUALS

FM 4-25.11	First Aid
MCRP 3-02G	Marine Corps First Aid

FORMS

DA Form 2028	Recommended Changes to Publications and Blank Forms
DA Form 2404	Equipment Inspection and Maintenance Worksheet
SF 364	Report of Discrepancy (ROD)
SF 368	Product Quality Deficiency Report

MISCELLANEOUS PUBLICATIONS

AR 700-138	Army Logistics Readiness and Sustainability
CTA 8-100	Army Medical Department Expendable/Durable Items
CTA 50-909	Field and Garrison Furnishings and Equipment
CTA 50-970	Expendable/Durable Items (Except Medical, Class V, Repair Parts, and Heraldic Items)
MCO 4855.10	Product Deficiency Report
NAVMC 10772	Recommended Changes to Publications/Logistics-Maintenance Data Coding
SB 740-95-1	Storage Serviceability Standards for AMCCOM Materiel, Tools, and Equipment

PAMPHLETS

DA PAM 738-751

Functional Users Manual for the Army Maintenance Management Systems- Aviation (TAMMS-A)

PAM 750-8

The Army Maintenance Management System (TAMMS) Users Manual

TECHNICAL MANUALS

TM 750-244-7

Procedures for Destruction of Equipment in Federal Supply Classifications 1000, 1005, 1010, 1015, 1020, 1025, 1030, 1055, 1090 and 1095 to Prevent Enemy Use

TM 4700-15/1

Ground Equipment Record Procedure

END OF WORK PACKAGE

FIELD MAINTENANCE MAINTENANCE ALLOCATION CHART (MAC) INTRODUCTION

INTRODUCTION

The Army Maintenance System MAC

This introduction provides a general explanation of all maintenance and repair functions authorized at the two maintenance levels under the Two-Level Maintenance System concept.

This MAC (immediately following the introduction) designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component shall be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in Column (4) as:

Field – includes two subcolumns, Crew (C) and Maintainer (F).

Sustainment – includes two subcolumns, Below Depot (H) and Depot (D).

The maintenance to be performed at field and sustainment levels is described as follows:

1. Crew maintenance. The responsibility of a using organization to perform maintenance on its assigned equipment. It normally consists of inspecting, servicing, lubricating, adjusting, and replacing parts, minor assemblies, and subassemblies. The replace function for this level of maintenance is indicated by the letter "C" in the third position of the SMR code. A "C" appearing in the fourth position of the SMR code indicates complete repair is possible at the crew maintenance level.
2. Maintainer maintenance. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "F" appearing in the third position of the SMR code. An "F" appearing in the fourth position of the SMR code indicates complete repair is possible at the field maintenance level. Items are returned to the user after maintenance is performed at this level.
3. Below depot sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "H" appearing in the third position of the SMR code. An "H" appearing in the fourth position of the SMR code indicates complete repair is possible at the below depot sustainment maintenance level. Items are returned to the supply system after maintenance is performed at this level.
4. Depot sustainment. Maintenance accomplished on a component, accessory, assembly, subassembly, plug-in unit, or other portion either on the system or after it is removed. The replace function for this level of maintenance is indicated by the letter "D" or "K" appearing in the third position of the SMR code. Depot sustainment maintenance can be performed by either depot personnel or contractor personnel. A "D" or "K" appearing in the fourth position of the SMR code indicates complete repair is possible at the depot sustainment maintenance level. Items are returned to the supply systems after maintenance is performed at this level.

The Tools and Test Equipment Requirements Table (immediately following the MAC) lists the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks table (immediately following the tools and test equipment requirements) contains supplemental instructions and explanatory notes for a particular maintenance function.

INTRODUCTION - Continued

Maintenance Functions

Maintenance functions are limited to and defined as follows:

1. **Inspect.** To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination (e.g., by sight, sound, or feel). This includes scheduled inspection and gaugings and evaluation of cannon tubes.
2. **Test.** To verify serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards on a scheduled basis, i.e., load testing of lift devices and hydrostatic testing of pressure hoses.
3. **Service.** Operations required periodically to keep an item in proper operating condition; e.g., to clean (includes decontaminate, when required), to preserve, to drain, to paint, or to replenish fuel, lubricants, chemical fluids, or gases. This includes scheduled exercising and purging of recoil mechanisms. The following are examples of service functions:
 - a. **Unpack.** To remove from packing box for service or when required for the performance of maintenance operations.
 - b. **Repack.** To return item to packing box after service and other maintenance operations.
 - c. **Clean.** To rid the item of contamination.
 - d. **Touch up.** To spot paint scratched or blistered surfaces.
 - e. **Mark.** To restore obliterated identification.
4. **Adjust.** To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specified parameters.
5. **Align.** To adjust specified variable elements of an item to bring about optimum or desired performance.
6. **Calibrate.** To determine and cause corrections to be made or to be adjusted on instruments of test, measuring, and diagnostic equipment used in precision measurement. Consists of comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared.
7. **Remove/Install.** To remove and install the same item when required to perform service or other maintenance functions. Install may be the act of emplacing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.
8. **Paint (ammunition only).** To prepare and spray color coats of paint so that the ammunition can be identified and protected. The color indicating primary use is applied, preferably, to entire exterior surface as the background color of the item. Other markings are to be repainted as original so as to retain proper ammunition identification.
9. **Replace.** To remove an unserviceable item and install a serviceable counterpart in its place. "Replace" is authorized by the MAC and assigned maintenance level is shown as the third position code of the SMR code.

INTRODUCTION - Continued

10. Repair. The application of maintenance services, including fault location/troubleshooting, removal/installation, disassembly/assembly procedures and maintenance actions to identify troubles and restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

NOTE

The following definitions are applicable to the "repair" maintenance function:

Services. Inspect, test, service, adjust, align, calibrate, and/or replace.

Fault location/troubleshooting. The process of investigating and detecting the cause of equipment malfunctioning; the act of isolating a fault within a system or Unit Under Test (UUT).

Disassembly/assembly. The step-by-step breakdown (taking apart) of a spare/functional-group-coded item to the level of its least component that is assigned an SMR code for the level of maintenance under consideration (i.e., identified as maintenance significant).

Actions. Welding, grinding, riveting, straightening, facing, machining, and/or resurfacing.

11. Overhaul. That maintenance effort (service/action) prescribed to restore an item to a completely serviceable/operational condition as required by maintenance standards in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like-new condition.
12. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like-new condition in accordance with original manufacturing standards. Rebuild is the highest degree of material maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (e.g., hours/miles) considered in classifying Army equipment/components.

Explanation of Columns in the MAC

Column (1) Group Number. Column (1) lists Functional Group Code (FGC) numbers, the purpose of which is to identify maintenance-significant components, assemblies, subassemblies, and modules with the Next Higher Assembly (NHA).

Column (2) Component/Assembly. Column (2) contains the item names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

Column (3) Maintenance Function. Column (3) lists the functions to be performed on the item listed in Column (2). (For a detailed explanation of these functions, refer to "Maintenance Functions" outlined above.)

Column (4) Maintenance Level. Column (4) specifies each level of maintenance authorized to perform each function listed in Column (3), by indicating work time required (expressed as manhours in whole hours or decimals) in the appropriate subcolumn. This work time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function varies at different maintenance levels, appropriate work time figures are to be shown for each level. The work time figure represents the average time required to restore an item (assembly, subassembly, component, module, end item, or system) to a serviceable condition under typical field operating conditions. This time includes preparation time (including any necessary disassembly/assembly time),

INTRODUCTION - Continued

troubleshooting/fault location time, and quality assurance time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the MAC. The symbol designations for the various maintenance levels are as follows:

Field:

C Crew maintenance
F Maintainer maintenance

Sustainment:

L Specialized Repair Activity (SRA)
H Below depot maintenance
D Depot maintenance

NOTE

The "L" maintenance level is not included in Column (4) of the MAC. Functions to this level of maintenance are identified by work time figure in the "H" Column of Column (4), and an associated reference code is used in Column (6). This code is keyed to the remarks, and the SRA complete repair application is explained there.

Column (5) Tools and Equipment Reference Code. Column (5) specifies, by code, those common tool sets (not individual tools), common Test, Measurement, and Diagnostic Equipment (TMDE), and special tools, special TMDE, and special support equipment required to perform the designated function. Codes are keyed to the entries in the Tools and Test Equipment Requirements Table.

Column (6) Remarks Code. When applicable, this column contains a letter code, in alphabetical order, which is keyed to the Remarks Table entries.

Explanation of Columns in the Tools and Test Equipment Requirements

Column (1) Tool or Test Equipment Reference Code. The tool or test equipment reference code correlates with a code used in Column (5) of the MAC.

Column (2) Maintenance Level. The lowest level of maintenance authorized to use the tool or test equipment.

Column (3) Nomenclature. Name or identification of the tool or test equipment.

Column (4) National Stock Number (NSN). The NSN of the tool or test equipment.

Column (5) Tool Number. The manufacturer's part number.

Explanation of Columns in the Remarks

Column (1) Remarks Code. The code recorded in Column (6) of the MAC.

Column (2) Remarks. This column lists information pertinent to the maintenance function being performed as indicated in the MAC.

END OF WORK PACKAGE

**FIELD MAINTENANCE
MAINTENANCE ALLOCATION CHART (MAC)**

Table 1. MAC for M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL				(5) TOOLS AND EQUIPMENT REFERENCE CODE	(6) REMARKS CODE
			FIELD		SUSTAINMENT			
			CREW	MAINTAINER	BELOW DEPOT	DEPOT		
			C	F	H	D		
00	M7, M9, and M10	Repair		0.7			1	
02	M7 BAYONET	Repair		0.2			1	
0201	M7 BLADE ASSEMBLY	Repair		0.2			1	
03	M10 SCABBARD	Repair		0.2			1	
04	M9 BAYONET	Repair		0.2			1	
0401	LATCH ASSEMBLY	Repair		0.2			1	
05	M9 SCABBARD	Repair		0.1			1	
0501	M9 ATTACHING ASSEMBLY	Repair		0.1			1	
0502	M9 SCABBARD BODY ASSEMBLY	Repair		0.1			1	

Table 2. Tools and Test Equipment Requirements for M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

TOOL OR TEST EQUIPMENT REF CODE	MAINTENANCE CATEGORY	NOMENCLATURE	NATIONAL/NATO STOCK NUMBER	TOOL NUMBER
1	F	SMALL ARMS TOOL KIT (Army only)	5180-01-506-8287	GOV92608

END OF WORK PACKAGE

FIELD MAINTENANCE EXPENDABLE AND DURABLE ITEMS LIST

INTRODUCTION

Scope

This work package lists expendable and durable items that you will need to operate and maintain the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System. This list is for information only and is not authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (Except Medical, Class V Repair Parts, and Heraldic Items), CTA 50-909, Field and Garrison Furnishings and Equipment or CTA 8-100, Army Medical Department Expendable/Durable Items.

Explanation of Columns in the Expendable/Durable Items List

Column (1) Item No. This number is assigned to the entry in the list and is referenced in the narrative instructions to identify the item (e.g., Use brake fluid (WP 0098, item 5)).

Column (2) Level. This column identifies the lowest level of maintenance that requires the listed item (C = Crew, F = Maintainer).

Column (3) National Stock Number (NSN). This is the NSN assigned to the item which you can use to requisition it.

Column (4) Item Name, Description, Part Number/(CAGEC). This column provides the other information you need to identify the item. The last line below the description is the part number and the Commercial and Government Entity Code (CAGEC) (in parentheses).

Column (5) U/I. Unit of Issue (U/I) code shows the physical measurement or count of an item, such as gallon, dozen, gross, etc.

Table 1. Expendable and Durable Items List.

(1) ITEM NO.	(2) LEVEL	(3) NATIONAL STOCK NUMBER (NSN)	(4) ITEM NAME, DESCRIPTION, PART NUMBER/ (CAGEC)	(5) U/I
1	F	1005-00-242-5687	BOTTLE ASSEMBLY, CYLINDRICAL 8448444 (19204)	AY
2	F	7920-00-205-2401	BRUSH, CLEANING, TOOLS AND PARTS 7920-00-205-2401 (80244)	EA
3	F	9150-01-054-6453	CLEANER, LUBRICANT AND PRESERVATIVE, (CLP) 1 pt (0.47 l) trigger sprayer CLP-5 (65983)	PT
4	F	5350-00-221-0872	CLOTH, ABRASIVE crocus cloth, jean cloth backing 50 sheets ANSI B74.18 (80204)	PG
5	F	6850-01-474-2302	CLEANING SOLVENT (SD) 1 gal (3.79 l) MIL-PRF-680 (81349)	GL
6	F	8010-00-297-0560	ENAMEL olive drab no. 3407 1 gal (3.79 l) MPI 8-001G-34088 (80244)	GL
7	F	8415-00-823-7460	GLOVES, INDUSTRIAL, RUBBER Type III, Style 1, size 11 MIL-DTL-32066 (81349)	PR
8	F	9150-01-260-2534	LUBRICANT, SOLID FILM 16 oz (0.47 l) aerosol can MIL-L-23398 (81349)	CN
9	C	9150-00-292-9689	LUBRICATING OIL, WEAPONS LOW TEMPERATURE (LAW) MIL-PRF-14107 (81349)	QT
10	C	9150-00-935-6597	LUBRICATING OIL, SEMIFLUID (LSA) 2 oz (59.15 ml) bottle QPL-46000 (81349)	BT
11	C	9150-00-889-3522	LUBRICATING OIL, SEMIFLUID (LSA) 4 oz (118.30 ml) bottle 8436793 (19204)	BT
12	F	9150-00-687-4241	LUBRICATING OIL, SEMIFLUID (LSA) 1 qt (0.95 ml) QPL-46000 (81349)	QT
13	F	9150-00-753-4686	LUBRICATING OIL, SEMIFLUID (LSA) 1 gal (3.79 l) QPL-46000 (81349)	GL
14	F	3990-00-795-3595	BOX, TOTE 1211 (94453)	EA
15	C	7920-00-205-1711	RAG, WIPING cotton 50 lb (22.68 kg) bale 7920-00-205-1711 (64067)	BE

END OF WORK PACKAGE

**FIELD MAINTENANCE
TOOL IDENTIFICATION LIST**

INTRODUCTION**Scope**

This work package lists all common tools and supplements and special tools/fixtures needed to maintain the OKC-3S Multipurpose Bayonet System (USMC only), M7 Bayonet-Knife, M10 Bayonet-Knife Scabbard, and M9 Multipurpose Bayonet System.

Explanation of Columns in the Tool Identification List

Column (1) Item No. This number is assigned to the entry in the list and is referenced in the initial setup to identify the item (e.g., Extractor (WP 0090, item 32)).

Column (2) Item Name. This column lists the item by noun nomenclature and other descriptive features (e.g., Gage, belt tension).

Column (3) National Stock Number (NSN). This is the National Stock Number (NSN) assigned to the item; use it to requisition the item.

Column (4) Part Number/(CAGEC). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity) which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items. The manufacturer's Commercial and Government Entity Code (CAGEC) is also included.

Column (5) Reference. This column identifies the authorizing supply catalog or RPSTL for items listed in this work package.

Table 1. Tool Identification List.

(1) ITEM NO.	(2) ITEM NAME	(3) NATIONAL STOCK NUMBER (NSN)	(4) PART NUMBER /(CAGEC)	(5) REFERENCE
1	Small Arms Tool Kit (Army only)	5180-01-506-8287	GOV92608 (19204)	TM 9-1005-237-23&P
2	Small Arms Tool Kit (USMC only)	5180-01-504-5663	TK-001 (19204)	TM 9-1005-237-23&P

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RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is OAASA.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).	DATE <i>Date you filled out this form.</i>
TO (Forward to proponent of publication or form) (Include ZIP Code) U.S. Army TACOM Life Cycle Management Command ATTN: AMSTA-LCL-MPP/TECH PUBS 6501 E. 11 Mile Road, Warren, MI 48397-5000						FROM (Activity and location) (Include ZIP Code) Your mailing address	
PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER <i>TM Number</i>						DATE <i>Date of the TM</i>	TITLE <i>Title of the TM</i>
ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON (Exact wording of recommended change must be given)	
	0007-3					<i>Figure 2, Item 9 should show a lockwasher. Currently shows a flat washer.</i>	
	0018-2					<i>Cleaning and inspection, Step 6, reference to governor support pin (14) is wrong reference. Reference should be change to (12).</i>	
<h1>SAMPLE</h1>							
TYPED NAME, GRADE OR TITLE <i>Your Name</i>						TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION <i>Your Phone Number</i>	
						SIGNATURE <i>Your Signature</i>	

TO (Forward direct to addressee listed in publication) U.S. Army TACOM Life Cycle Management Command ATTN: AMSTA-LCL-MPP/TECH PUBS 6501 E. 11 Mile Road, Warren, MI 48397-5000				FROM (Activity and location) (Include ZIP Code) Your Address				DATE Date you filled out this form	
PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS									
PUBLICATION NUMBER <i>TM Number</i>				DATE <i>Date of the TM</i>		TITLE <i>Title of the TM</i>			
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION	
<div>SAMPLE</div>									
PART III – REMARKS (Any general remarks, or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)									
TYPED NAME, GRADE OR TITLE Your Name				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION Your Phone Number		SIGNATURE Your Signature			

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ITEM	PAGE	PARA-GRAPH	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON	
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION		SIGNATURE

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By Order of the Secretary of the Army:

Official:



JOYCE E. MORROW
*Administrative Assistant to the
Secretary of the Army*

1211710

RAYMOND T. ODIERNO

*General, United States Army
Chief of Staff*

By order of the Commandant of the Marine Corps:

Lt Col. M. T. Brinkman
Program Manager, Infantry Weapons
Marine Corps System Command

Distribution:

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requirements for TM 9-1005-237-23&P

**Marine Corps Distribution
PCN 184 089930 00**

THE METRIC SYSTEM AND EQUIVALENTS

<p>Linear Measure</p> <p>1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches 1 Kilometer = 1000 Meters = 0.621 Miles</p> <p>Weights</p> <p>1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces 1 Kilogram = 1000 Grams = 2.2 Pounds 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons</p> <p>Liquid Measure</p> <p>1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces</p>	<p>Square Measure</p> <p>1 Sq Centimeter = 100 Sq Millimeters = 0.155 Sq Inches 1 Sq Meter = 10,000 Sq Centimeters = 10.76 Sq Feet 1 Sq Kilometer = 1,000,000 Sq Meters = 0.386 Sq Miles</p> <p>Cubic Measure</p> <p>1 Cu Centimeter = 1,000 Cu Millimeters = 0.06 Cu Inches 1 Cu Meter = 1,000,000 Cu Centimeters = 35.31 Cu Feet</p> <p>Temperature</p> <p>$\frac{9}{5} C^{\circ} + 32 = F^{\circ}$ $\frac{5}{9} (F^{\circ} - 32) = C^{\circ}$ 212° Fahrenheit is equivalent to 100° Celsius 90° Fahrenheit is equivalent to 32.2° Celsius 32° Fahrenheit is equivalent to 0° Celsius</p>
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APPROXIMATE CONVERSION FACTORS

To Change	To	Multiply By
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Sq Inches	Sq Centimeters	6.451
Sq Feet	Sq Meters	0.093
Sq Yards	Sq Meters	0.836
Sq Miles	Sq Kilometers	2.590
Acres	Sq Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
Pints	Liters	0.473
Quarts	Liters	0.946
Gallons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Sq Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

To Change	To	Multiply By
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Sq Centimeters	Sq Inches	0.155
Sq Meters	Sq Feet	10.764
Sq Meters	Sq Yards	1.196
Sq Kilometers	Sq Miles	0.386
Sq Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
Liters	Gallons	0.264
Grams	Ounces	0.035
Kilograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pound-Feet	0.738
Kilopascals	Pounds per Sq Inch	0.145
Kilometers per Liter	Miles per Gallon	2.354
Kilometers per Hour	Miles per Hour	0.621

